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NATIONAL CLIMATIC CENTER ASHEVILLE NC

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WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME I--ETC(U)

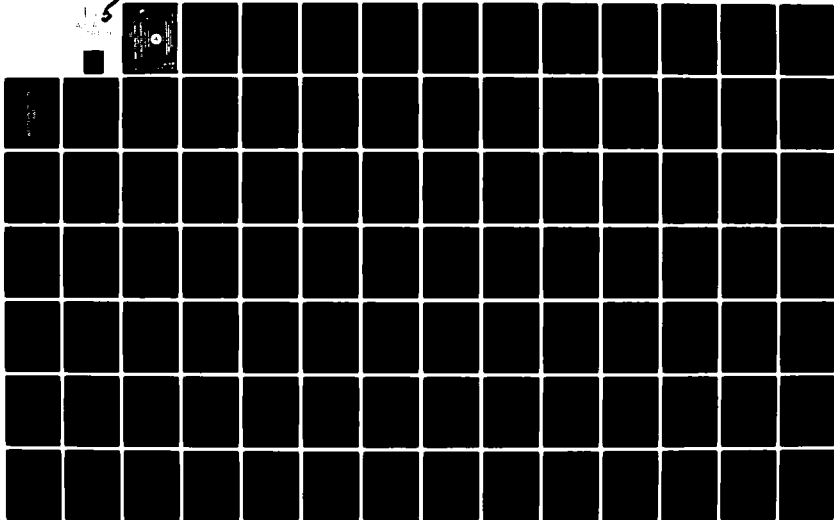
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WIND-CEILING-VISIBILITY
DATA
AT SELECTED AIRPORTS

May 1981

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This report has been prepared by the U. S. Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Data and Information Service, National Climatic Center, Asheville, North Carolina for the Office of Aviation Policy and Plans, Federal Aviation Administration under Interagency Agreement No. DOT-FA79WAI-057. The contents of this report reflect the views of the contractor, who is responsible for the facts and accuracy of the data presented herein, and do not necessarily reflect the official views or policy of the FAA. This report does not constitute a standard, specification or regulation.

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FOREWORD

INTRODUCTION

Summary tables and graphs have been prepared to assist the FAA in the application of establishment criteria for precision and non-precision approach and landing aids. These tables and graphs depict wind direction and speed under specified ceiling and visibility conditions. This report has been prepared by the National Climatic Center for the FAA under Interagency Agreement No. DOT-FA79WA1-057.

Climatological information for selected airports is presented in 11 volumes:

- Volume 1 - New England Region (ANE)
- Volume 2 - Eastern Region (AEA)
- Volume 3 - Southern Region (ASO)
- Volume 4 - Great Lakes Region (AGL)
- Volume 5 - Central Region (ACE)
- Volume 6 - Southwest Region (ASW)
- Volume 7 - Rocky Mountain Region (ARM)
- Volume 8 - Northwest Region (ANW)
- Volume 9 - Western Region (AWE)
- Volume 10 - Alaskan and Pacific Regions (AAL and APC)
- Volume 11 - Visibility Time Series for Key Stations

Summary tables and graphs are presented in volumes 1-10. Graphical time series of visibility measurements for key stations throughout the United States are presented in volume 11 to give the reader some insight into the climate variability that can be expected.

ELEMENT CLASSIFICATION

Twelve tables for each station depict wind direction vs. wind speed distributions. Half the tables show daytime distributions for six ceiling-visibility classes, and half show nighttime distributions for the same six ceiling-visibility classes. A graphical depiction of the data in each table is also presented. An additional graph for each station depicts the combined day and night winds for all ceiling-visibility conditions.

Wind direction is grouped according to a 16-point compass (N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW) plus calm. The wind speed groups are 0-3, 4-12, 13-15, 16-18, 19-24, 25-31 and equal to or greater than 32 mph.

The ceiling-visibility criteria are defined as:

CLASS 1 = ceiling equal to or greater than 1,500 feet and visibility equal to or greater than 3 miles.

CLASS 2 = ceiling less than 1,500 feet and/or visibility less than 3 miles.

CLASS 3 = ceiling less than 1,500 feet and/or visibility less than 3 miles, but ceiling equal to or greater than 400 feet and visibility equal to or greater than 1 mile.

CLASS 4 = ceiling less than 400 feet and/or visibility less than 1 mile, but ceiling equal to or greater than 200 feet and visibility equal to or greater than 1/2 mile.

CLASS 5 = ceiling less than 200 feet and/or visibility less than 1/2 mile, but ceiling equal to or greater than 100 feet and visibility equal to or greater than 1/4 mile.

CLASS 6 = ceiling less than 100 feet and/or visibility less than 1/4 mile.

CLASS 7 = all ceiling and visibility conditions; sum of classes 1 and 2, also the sum of classes 1 and 3 through 6.

Time conditions are determined from the onset of civil twilight in the morning to the end of civil twilight in the evening. Civil twilight begins (ends) when the sun is six degrees below the horizon. It covers the somewhat indefinite period before sunrise and after sunset during which natural illumination usually remains sufficient for ordinary outdoor operations. For this report the morning (evening) times of beginning (ending) of civil twilight at a station are determined for the middle of a month. All data within this month are classified as either day or night according to these times.

DATA

The data used in the preparation of the climatological tables and graphs were extracted from the National Climatic Center's Tape Deck 1440 Hourly Surface Observations. The data contained in this deck have been digitized from the official observations recorded on station. From about 1948 through 1964 data were digitized for each hour in a day. From 1965 onward only every third hour's data were digitized. The tables and graphs in this report are based on eight observations per day (every third hour) for

the entire period of record. This was done to eliminate the data bias problems that would have been created by trying to mix the 24 observations per day prior to 1965 with the 8 observations per day after 1964.

The effect on the climatology of not using all the available data was examined for representative key stations in each region. Monthly day and night distributions were prepared for all ceiling-visibility criteria and wind speed and direction groups using 24 observations per day. A data subset was created by extracting every third observation from the hourly data set, and similar frequency distributions were prepared. The Kolmogorov-Smirnov test was applied to evaluate the hypotheses that distributions using 24 observations per day are statistically the same as distributions using 8 observations per day. The results of this procedure indicate equality

of distributions in most cases. Therefore, no significant information has been lost by basing the climatologies on 8 observations per day. Exceptions are discussed in Volume II.

The tables and graphs are also available on microfiche, and the summarized data are available on magnetic tape. This report presents annual summaries, but monthly summaries can be generated on magnetic tape. Requests for microfiche copies of this report and for data on magnetic tape should be addressed to:

Director
National Climatic Center
Federal Building
Asheville, NC 28801

The requested microfiche copies and/or tapes will be provided at cost.

TABLE LEGEND

A = number of day (night) observations in a given ceiling-visibility class, wind speed class and direction divided by the total number of day (night) observations in ceiling-visibility classes 1, 3-6, all wind speed classes and directions times 100.

B = number of day (night) observations in a given ceiling-visibility class, wind speed class and direction divided by the total number of day (night) observations in the given ceiling-visibility class and direction times 100.

C = number of day (night) observations of a given direction divided by the total number of day (night) observations in ceiling-visibility classes 1, 3-6 times 100.

D = number of day (night) observations of a given direction divided by the total number of day (night) observations in the given ceiling-visibility class times 100.

E = number of day (night) observations in a given wind speed class divided by the total number of day (night) observations in ceiling-visibility classes 1, 3-6 times 100.

F = number of day (night) observations in a given wind speed class divided by the total number of day (night) observations in the given ceiling-visibility class times 100.

G = number of day (night) observations in the given ceiling-visibility class divided by the total number of day (night) observations in ceiling-visibility classes 1, 3-6 times 100.

100 = summation of column D = summation of row F.

H = average wind speed for the given day (night) ceiling-visibility class and direction.

I = average wind speed for the given day (night) ceiling-visibility class.

J = overall period of record; see station list for actual years of record used.

Note: Ceiling-visibility class 2 is the sum of classes 3-6.

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BDR BRIDGEPORT, CT

PERIOD: 1949-1978

CLASS 1 / DAY

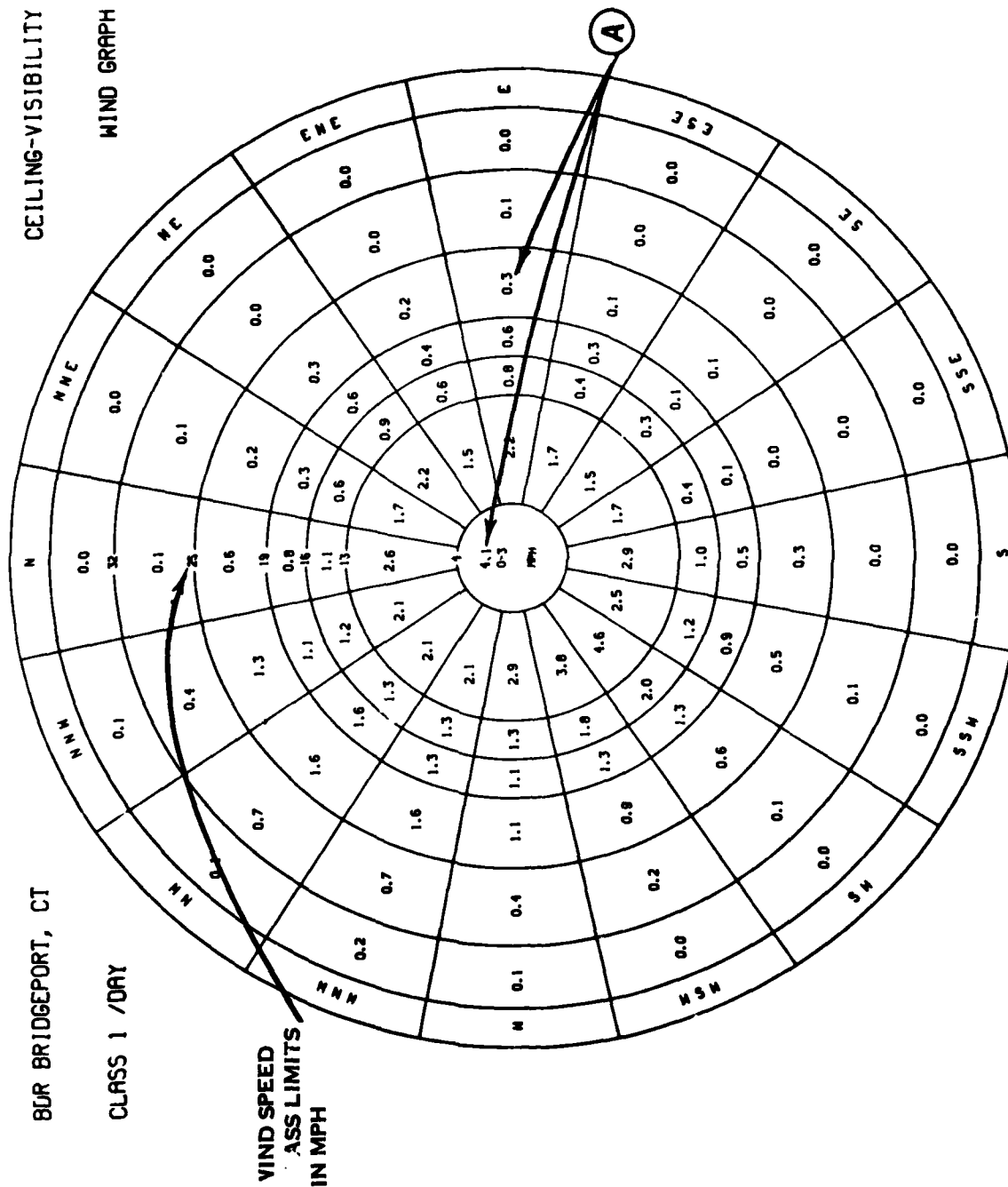
STATION NUMBER: 94702

NO. OBS.: 29909

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.3	.3	2.6	3.1	1.1	1.4	.2	.9	.6	.8	.1	.1	.0	.0	5.5	6.6	12.6	
NNE	.2	.3	1.7	2.1	.6	.7	.3	.4	.2	.3	.1	.1	.0	.0	3.2	3.8	11.3	
NE	.3	.4	2.2	2.6	.9	1.0	.6	.7	.3	.4	.0	.0	.0	.0	4.3	5.1	11.5	
ENE	.2	.2	1.5	1.3	.6	.7	.4	.5	.2	.3	.0	.1	.0	.0	3.0	3.5	11.7	
E	.2	.2	2.2	2.6	.2	1.0	.6	.7	.3	.4	.1	.1	.0	.0	4.2	5.0	11.9	
ESE	.1	.1	1.7	2.0	.4	.5	.3	.3	.2	.2	.0	.0	.0	.0	2.7	3.2	10.9	
SE	.2	.2	1.5	1.7	.3	.3	.1	.2	.1	.1	.0	.0	.0	.0	2.2	2.6	9.8	
SSE	.1	.1	1.7	2.0	.4	.5	.3	.3	.2	.2	.0	.0	.0	.0	2.3	2.8	9.8	
S	.2	.2	2.9	3.5	1.3	1.2	.5	.5	.9	.6	.4	.0	.0	.0	5.0	5.9	11.4	
SSM	.1	.1	2.5	3.0	1.2	1.4	.9	1.1	.6	.7	.1	.1	.0	.0	5.3	6.3	12.8	
SM	.2	.3	4.6	5.4	.6	2.4	1.3	1.6	.6	.7	.1	.1	.0	.0	8.8	10.5	12.1	
MSM	.2	.2	3.8	4.5	1.8	2.2	1.3	1.5	.9	1.0	.2	.2	.0	.0	8.1	9.6	13.1	
M	.1	.2	2.9	3.5	1.3	1.6	1.1	1.4	1.1	1.3	.4	.5	.1	.1	7.1	8.5	14.4	
MNM	.2	.2	2.1	2.5	1.3	1.6	1.3	1.6	1.6	1.9	.7	.9	.2	.2	7.5	8.8	16.3	
NM	.2	.3	2.1	2.5	1.3	1.6	1.6	1.8	1.6	1.9	.7	.9	.1	.2	7.7	9.2	16.0	
NNM	.2	.2	2.1	2.5	1.2	1.4	1.1	1.3	1.3	1.5	.4	.5	.1	.1	6.3	7.5	15.1	
CALM	1.1	1.3													1.1	1.3		
TOTAL	4.1	4.8	38.2	45.3	16.4	19.5	12.3	14.6	9.8	11.7	3.0	3.5	.6	.7	84.3	100	13.0	

CEILING-VISIBILITY

WIND GRAPH



BUR BRIDGEPORT, CT

CLASS 1 / DAY

WIND SPEED
CLASS LIMITS
IN MPH

A—NUMBER OF DAY (NIGHT) OBSERVATIONS IN A GIVEN CEILING-VISIBILITY CLASS, WIND SPEED CLASS AND DIRECTION DIVIDED BY THE TOTAL NUMBER OF DAY (NIGHT) OBSERVATIONS IN CEILING-VISIBILITY CLASSES 1, 3-6, ALL WIND SPEED CLASSES AND DIRECTIONS TIMES 100.

STATION LIST

ST CITY	AP ID	STATION NUMBER	PERIOD OF RECORD
AZ			
Flagstaff	FLG	03103	1962-1963 1965-1978
Phoenix	PHX	23183	1948-1978
Prescott	PRC	23184	1948-1978
Tucson	TUS	23160	1949-1978
Winslow	INW	23194	1948-1978
Yuma	YUM	23195	1949-1978
CA			
Arcata	ACV	24283	1950-1978
Bakersfield	BFL	23155	1948-1978
Daggett	DAG	23161	1949-1978
Fresno	FAT	93193	1950-1978
Long Beach	LGB	23129	1949-1978
Los Angeles	LAX	23174	1948-1978
Oakland	OAK	23230	1948-1978
Ontario	ONT	03102	1968-1972 1974-1978
Red Bluff	RBL	24216	1948-1978

CA (Cont'd)				
Sacramento	SAC	23232	1948-1978	
Sacramento	SMF	93225	1974-1978	
Sacramento	SAN	23188	1948-1978	
San Diego	SFO	23234	1948-1978	
San Francisco	SBA	23190	1949-1954	1957-1964 1974-1978
Santa Barbara	SMX	23273	1955-1963	
Santa Maria	SCK	23237	1949-1954	1964-1977*
Stockton				
NV				
Elko	EKO	24121	1948-1963	1965-1978
Ely	ELY	23154	1954-1956	1962-1978
Las Vegas	LAS	23169	1949-1978	
Lovelock	LOL	24172	1949-1978	
Reno	RNO	23185	1949-1978	
Tonopah	TPH	23153	1952-1978	
Winnemucca	WMC	24128	1965-1978	

* Note: Period of record does not end in 1978.

WESTERN REGION

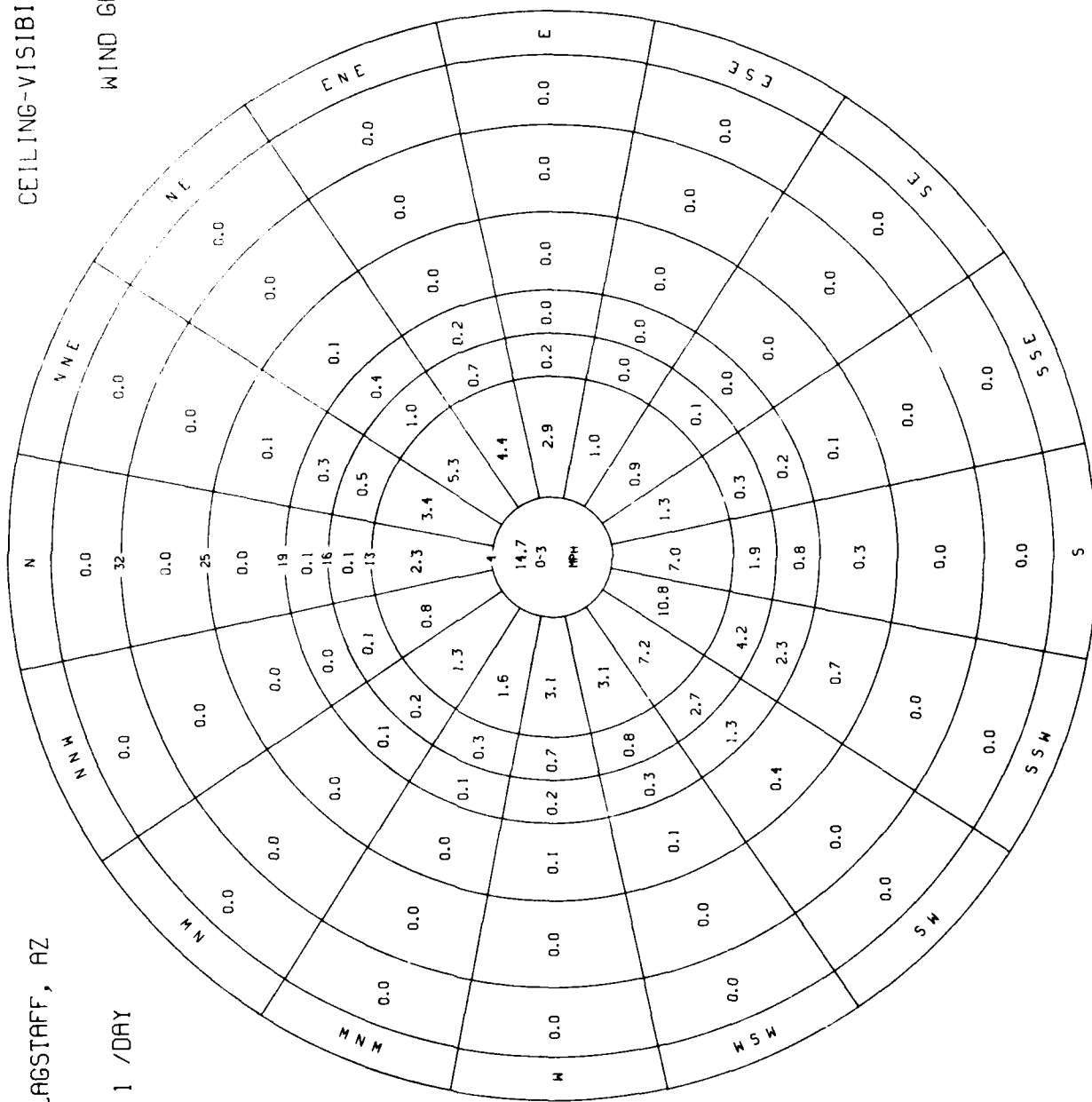
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CEILING-VISIBILITY

WIND GRAPH

FLG FLAGSTAFF, AZ

CLASS 1 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1962-1978

STATION NAME: FLG FLAGSTAFF, AZ

CLASS 1 / DAY

NO. OBS.: 24136

STATION NUMBER: 03103

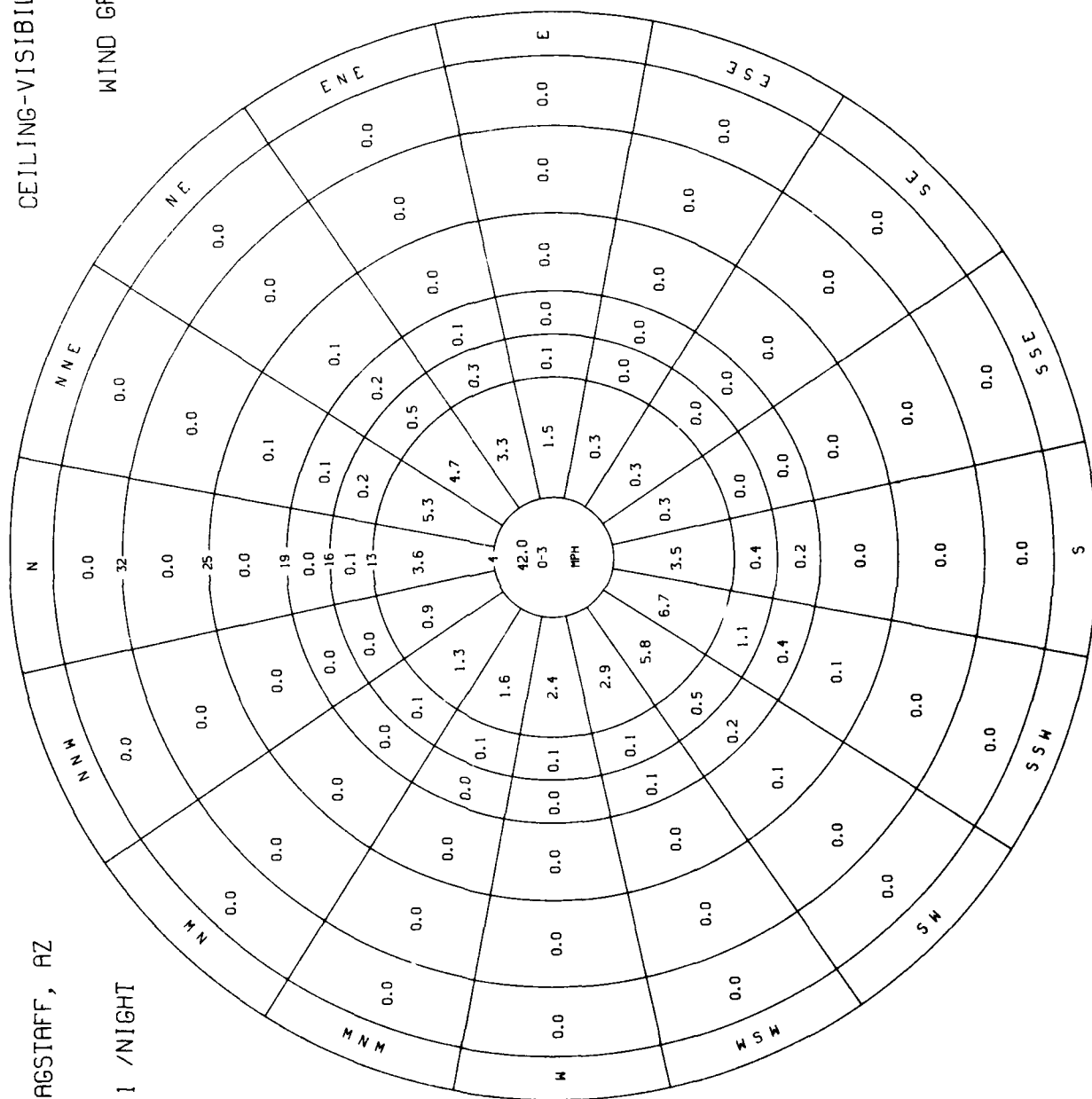
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	1.3	1.4	2.3	2.4	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	3.8	4.0	5.9
NNE	1.1	1.2	3.4	3.7	.5	.5	.3	.3	.1	.1	.0	.0	.0	.0	5.4	5.8	7.5
NE	.9	1.0	5.3	5.7	1.0	1.0	.4	.4	.1	.1	.0	.0	.0	.0	7.7	8.2	8.8
ENE	.4	.4	4.4	4.7	.7	.8	.2	.2	.0	.0	.0	.0	.0	.0	5.8	6.2	8.9
E	.4	.4	2.9	3.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	3.6	3.9	7.7
ESE	.2	.2	1.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.3	6.7
SE	.2	.2	.9	1.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.3	7.5
SSE	.2	.2	1.3	1.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	2.0	2.1	10.0
S	.6	.7	7.0	7.4	1.9	2.0	.8	.9	.3	.3	.0	.0	.0	.0	10.6	11.3	10.1
SSW	.6	.6	10.8	11.5	4.2	4.4	2.3	2.5	.7	.8	.0	.0	.0	.0	18.6	19.9	11.3
SW	.5	.5	7.2	7.7	2.7	2.9	1.3	1.4	.4	.5	.0	.0	.0	.0	12.2	13.1	11.0
WSW	.4	.4	3.1	3.3	.8	.9	.3	.4	.1	.1	.0	.0	.0	.0	4.7	5.1	9.9
W	.3	.3	3.1	3.3	.7	.7	.2	.2	.1	.1	.0	.0	.0	.0	4.4	4.7	9.4
WNW	.2	.2	1.6	1.7	.3	.3	.1	.2	.0	.0	.0	.0	.0	.0	2.3	2.5	9.2
NW	.3	.3	1.3	1.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.9	2.0	8.6
NNW	.4	.4	.8	.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.4	6.6
CALM	6.8	7.2													6.8	7.2	
TOTAL	14.7	15.7	56.3	60.2	13.8	14.8	6.5	7.0	2.0	2.2	.2	.2	.0	.0	93.5	100	8.9

CEILING-VISIBILITY

WIND GRAPH

FLG FLAGSTAFF, AZ

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1962-1978

STATION NAME: FLG FLAGSTAFF, AZ

CLASS 1 / NIGHT

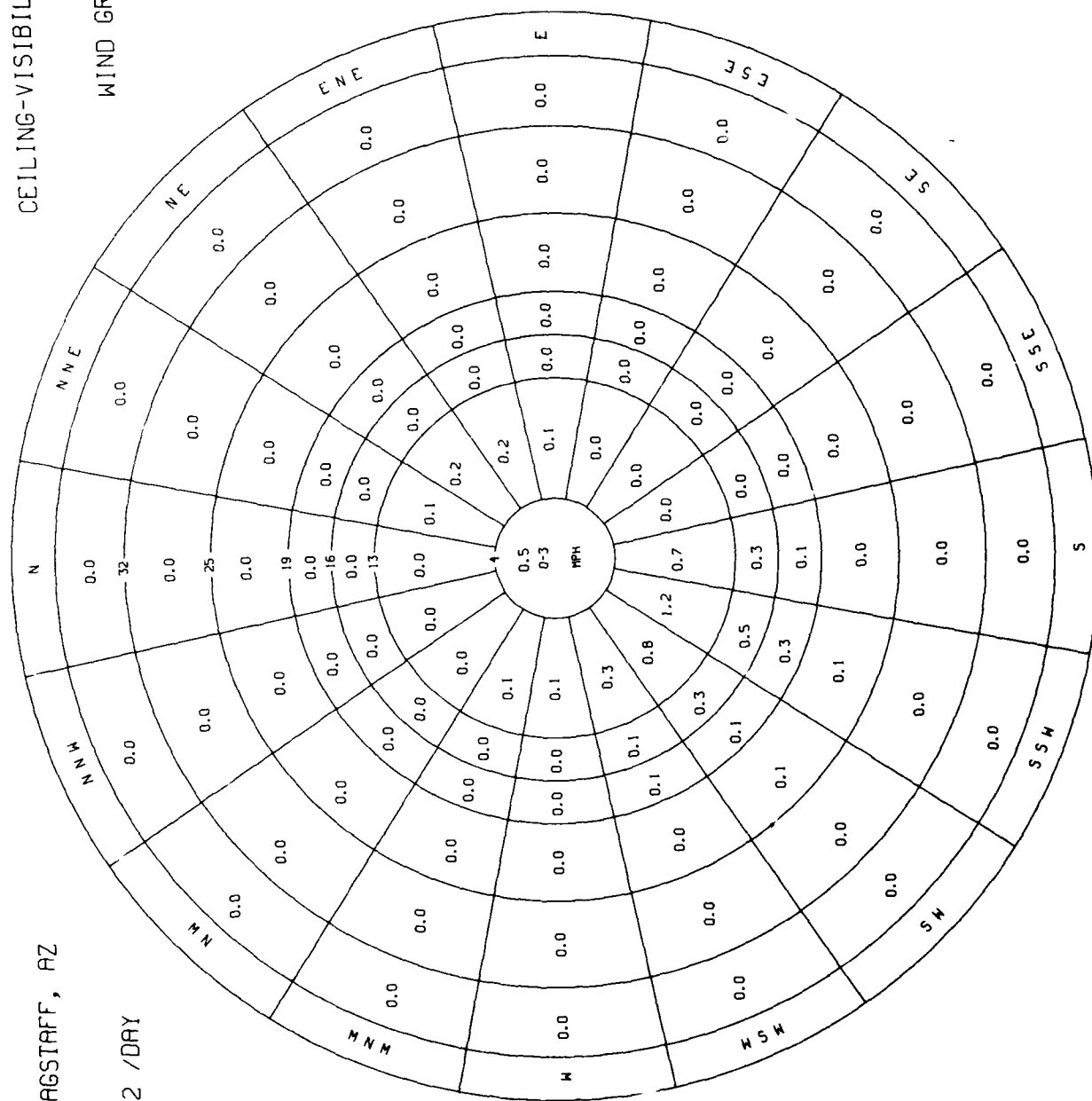
NO. OBS.: 19085

STATION NUMBER: 03103

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	3.7	4.0	3.6	3.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	8.1	4.5
NNE	3.4	3.6	5.3	5.8	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	9.1	9.8	5.3
NE	2.9	3.1	4.7	5.1	.5	.5	.2	.2	.1	.1	.0	.0	.0	.0	.0	8.4	9.1	6.2
ENE	1.2	1.3	3.3	3.6	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	4.9	5.3	6.7
E	1.0	1.0	1.5	1.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	2.7	5.5
ESE	.5	.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.8	4.2
SE	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.7	4.1
SSE	.4	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.8	5.3
S	1.8	1.9	3.5	3.9	.4	.5	.2	.2	.0	.0	.0	.0	.0	.0	.0	6.0	6.5	6.6
SSW	1.6	1.8	6.7	7.3	1.1	1.2	.4	.5	.1	.2	.0	.0	.0	.0	.0	10.0	10.9	7.9
SW	1.3	1.4	5.8	6.3	.5	.6	.2	.2	.1	.1	.0	.0	.0	.0	.0	7.9	8.6	7.3
WSW	.7	.8	2.9	3.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	3.9	4.2	6.6
W	.8	.8	2.4	2.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	3.6	6.5
WNW	.5	.5	1.6	1.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.4	6.7
NW	.8	.8	1.3	1.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.4	5.9
NNW	1.1	1.2	.9	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.2	4.7
CALM	20.1	21.8														20.1	21.8	
TOTAL	42.0	45.7	44.5	48.4	3.6	3.9	1.4	1.5	.4	.5	.1	.1	.0	.0	.0	92.0	100	4.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FLG FLAGSTAFF, AZ

PERIOD: 1962-1978

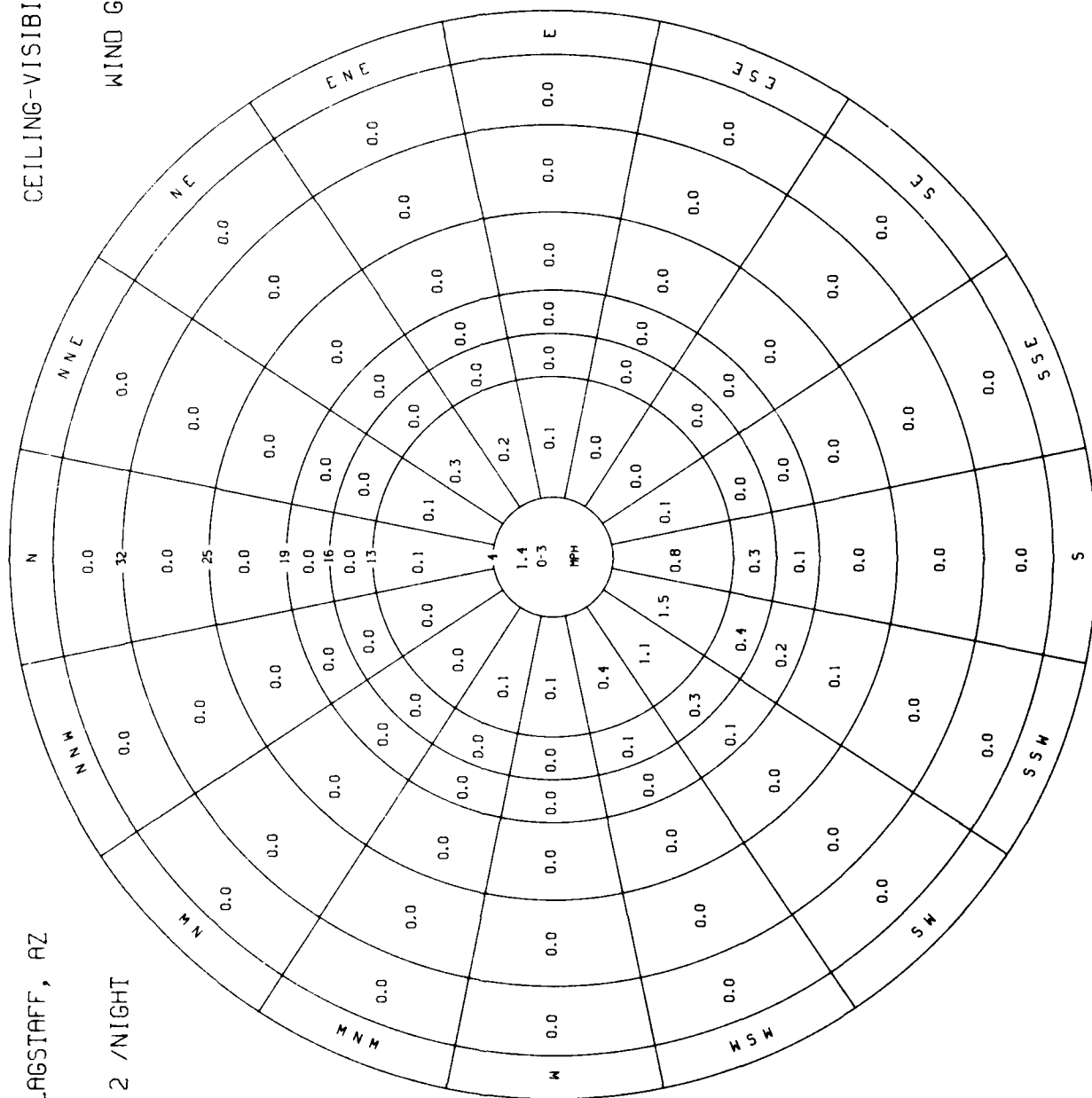
CLASS 2 / DAY

STATION NUMBER: 03103

NO. OBS.: 1671

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.4	.0	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.2
NNE	.0	.4	.1	1.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1 1.8
NE	.0	.2	.2	3.5	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.3 4.1
ENE	.0	.2	.2	3.5	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3 3.9
E	.0	.4	.1	1.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.9
ESE	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .2
SE	.0	.1	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0 .6
SSE	.0	.2	.0	.7	.0	.1	.0	.2	.0	.1	.0	.0	.0	.0	.1 1.3
S	.1	.8	.7	10.1	.3	4.0	.1	1.2	.0	.4	.0	.1	.0	.0	1.1 16.5
SSW	.1	.8	1.2	19.0	.5	7.1	.3	4.1	.1	1.0	.0	.1	.0	.0	2.1 32.1
SW	.0	.4	.8	12.9	.3	4.7	.1	1.9	.1	1.1	.0	.1	.0	.0	1.4 20.9
WSW	.0	.1	.3	4.6	.1	1.1	.1	.8	.0	.1	.0	.1	.0	.0	.4 6.8
W	.0	.4	.1	1.7	.0	.4	.0	.3	.0	.0	.0	.0	.0	.0	.2 2.8
WNW	.0	.1	.1	.8	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.1 1.2
NW	.0	.1	.0	.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1 .9
NNW	.0	.1	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0 .4
CALM	.2	3.3													.2 3.3
TOTAL	.5	7.8	4.0	61.5	1.2	18.6	.6	9.2	.2	2.6	.0	.2	.0	.0	6.5 10.2

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1962-1978

STATION NAME: FLG FLAGSTAFF, AZ

CLASS 2 / NIGHT

NO. OBS.: 1654

STATION NUMBER: 03103

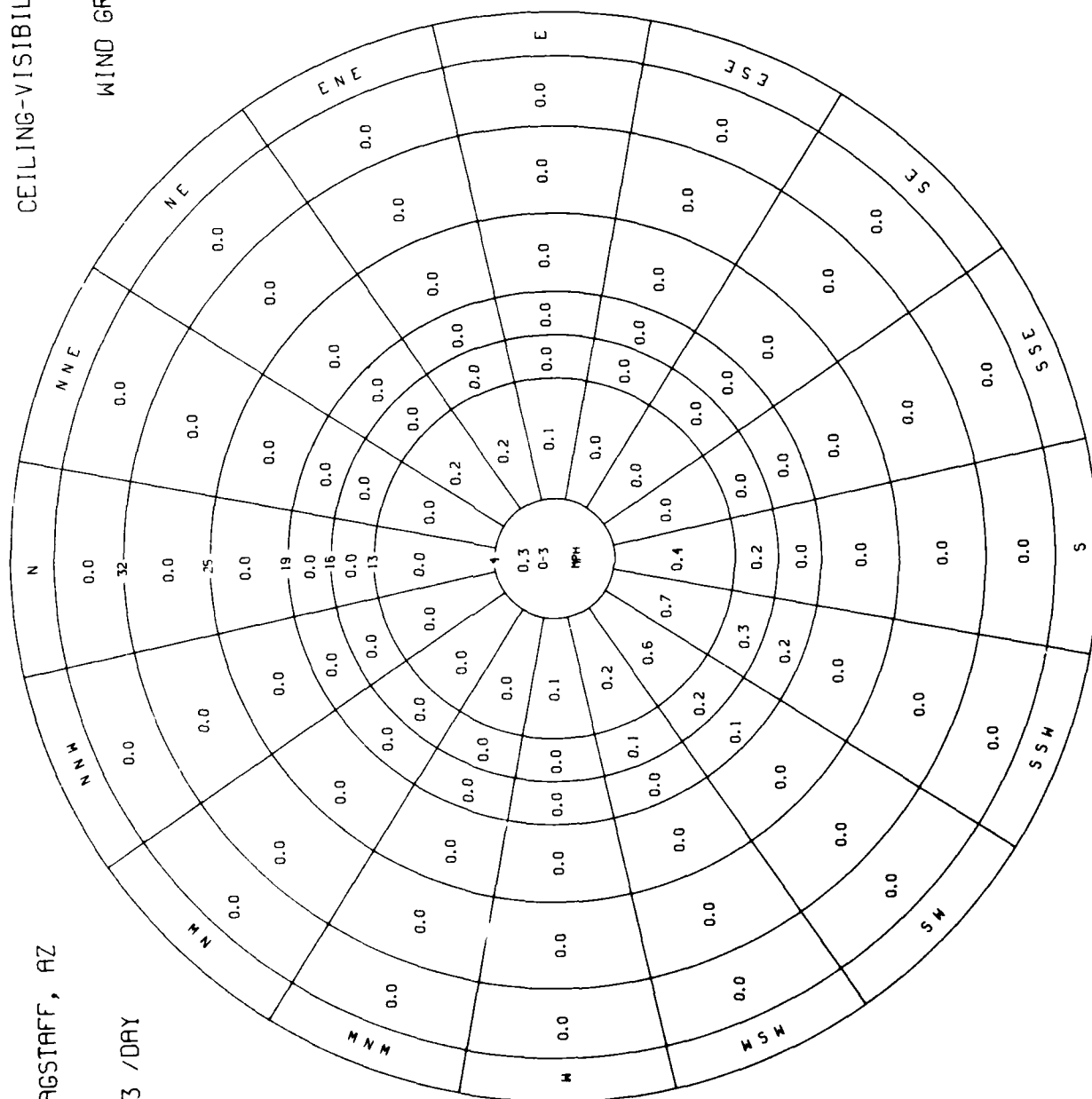
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	1.1	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.8	3.9
NNE	.0	.6	.1	1.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.1	6.0
NE	.1	.7	.3	3.6	.0	.6	.0	.2	.0	.0	.0	.0	.0	.0	.4	5.2	7.5
ENE	.0	.5	.2	2.5	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.3	3.4	7.6
E	.1	.7	.1	1.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.1	5.8
ESE	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.0
SE	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	6.6
SSE	.0	.1	.1	.7	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.1	1.0	10.2
S	.1	1.6	.8	9.4	.3	3.6	.1	1.0	.0	.1	.0	.1	.0	.0	1.3	15.8	9.6
SSW	.1	.7	1.5	18.4	.4	4.6	.2	2.5	.1	1.1	.0	.2	.0	.0	2.2	27.5	10.6
SW	.1	.4	1.1	13.4	.3	3.6	.1	1.6	.0	.4	.0	.3	.0	.0	1.6	20.7	10.0
WSW	.1	1.2	.4	5.6	.1	.7	.0	.4	.0	.0	.0	.0	.0	.0	.6	7.9	7.7
W	.0	.4	.1	1.7	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.2	2.6	8.5
WNW	.0	.3	.1	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	6.4
NW	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.7	5.5
NNW	.0	.4	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.7	5.2
CALM	.6	7.0													.6	7.0	
TOTAL	1.4	17.0	4.8	60.3	1.1	14.1	.5	6.2	.1	1.8	.0	.5	.0	.0	8.0	100	8.5

CEILING-VISIBILITY

WIND GRAPH

FLG FLAGSTAFF, AZ

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FLG FLAGSTAFF, AZ

PERIOD: 1962-1978

CLASS 3 / DAY

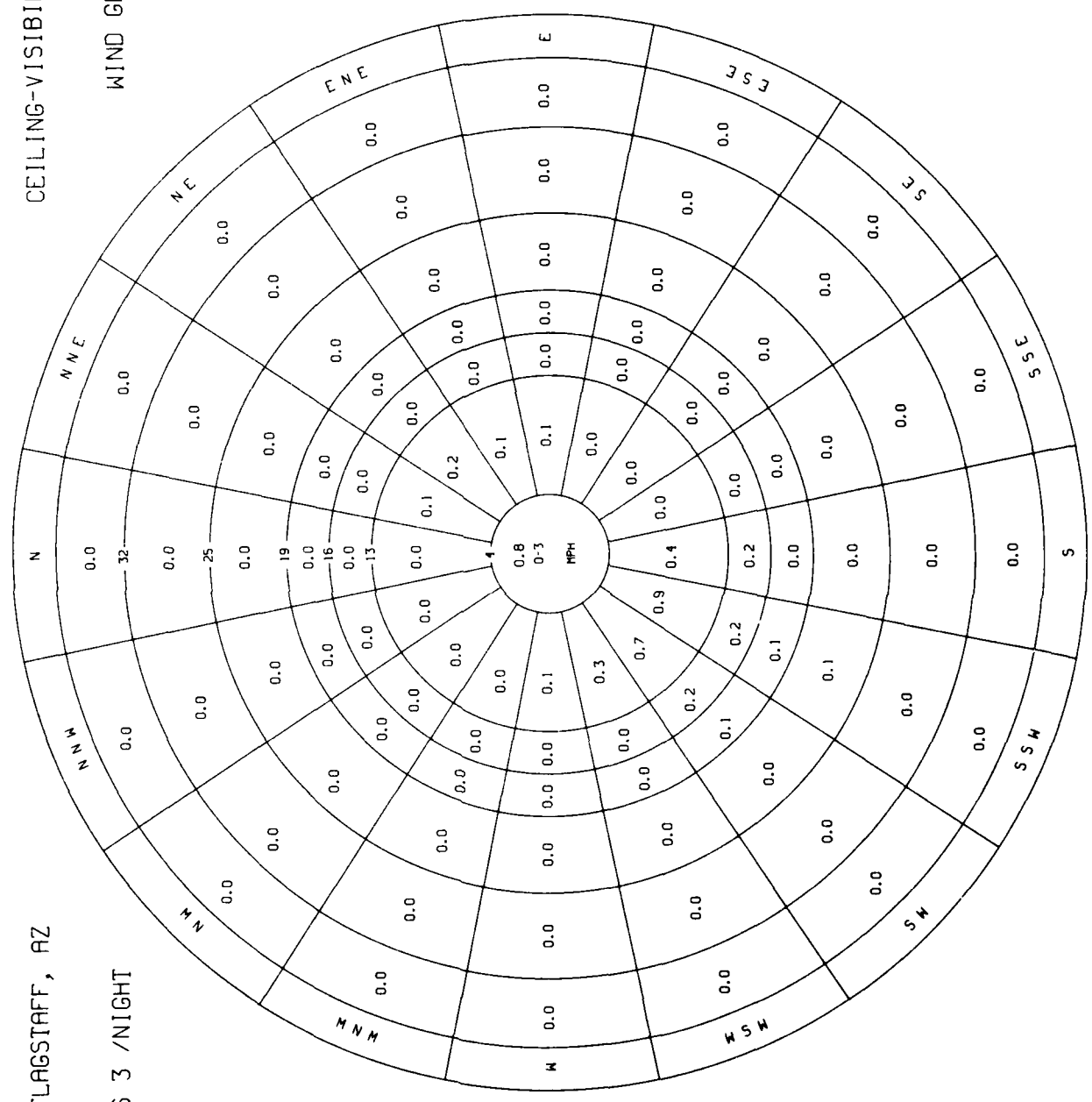
STATION NUMBER: 03103

NO. OBS.: 1076

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	.6	.0	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	5.4
NNE	.0	.2	.0	.9	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	1.3	8.2
NE	.0	.1	.2	3.9	.0	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	4.7	8.8
ENE	.0	.3	.2	3.7	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	4.3	7.9
E	.0	.5	.1	1.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.9	7.1
ESE	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	7.5
SE	.0	.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	7.5
SSE	.0	.3	.0	.8	.0	.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	1.6	9.9
S	.0	.8	.4	8.9	.2	4.2	.0	.7	.0	.3	.0	.0	.0	.0	.0	.6	14.9	10.1
SSW	.0	.5	.7	17.1	.3	6.5	.2	4.0	.0	.9	.0	.1	.0	.0	.0	1.2	29.1	11.7
SW	.0	.5	.6	14.6	.2	5.0	.1	2.1	.0	.9	.0	.1	.0	.0	.0	1.0	23.2	11.3
WSW	.0	.1	.2	5.8	.1	1.6	.0	.9	.0	.0	.0	.0	.0	.0	.0	.3	8.4	10.5
W	.0	.4	.1	1.9	.0	.5	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	3.1	9.7
WNW	.0	.2	.0	.9	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	1.3	8.6
NW	.0	.1	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	8.2
NNW	.0	.1	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	11.7
CALM	.1	2.7														.1	2.7	
TOTAL	.3	7.2	2.6	62.1	.8	19.4	.4	8.9	.1	2.1	.0	.2	.0	.0	.0	.42	100	10.2

CEILING-VISIBILITY
WIND GRAPH

FLG FLAGSTAFF, AZ
CLASS 3 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FLG FLAGSTAFF, AZ

PERIOD: 1962-1978

CLASS 3 / NIGHT

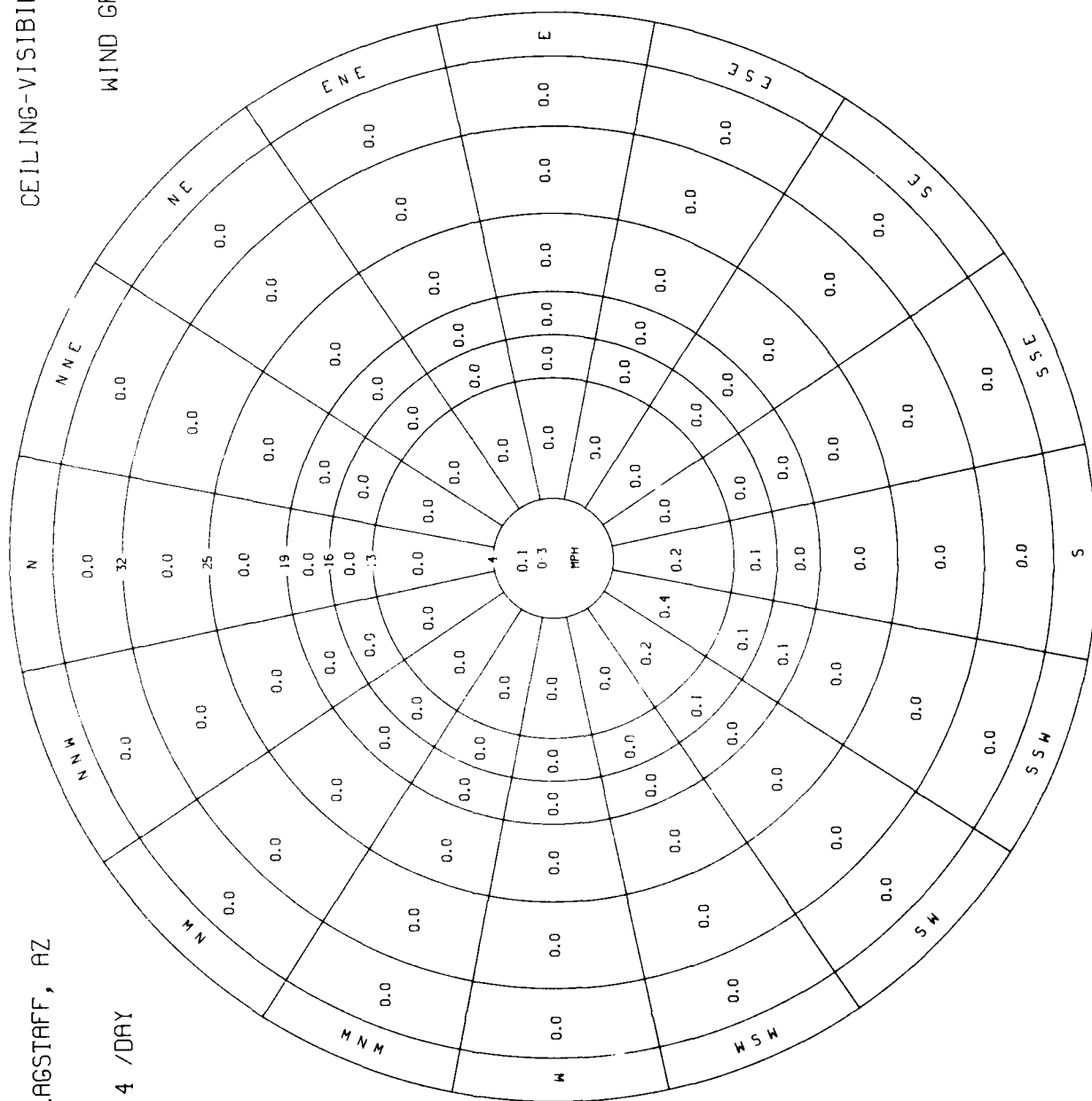
STATION NUMBER: 03103

NO. OBS.: 1035

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.4	3.7
NNE	.0	.7	.1	1.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	1.8	5.7
NE	.0	.7	.2	3.6	.0	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	5.1	7.7
ENE	.0	.7	.1	2.5	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	3.6	7.5
E	.0	.9	.1	1.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.6	5.9
ESE	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.0
SE	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.5
SSE	.0	.1	.0	.9	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	1.2	9.5
S	.1	1.5	.4	9.0	.2	3.3	.0	1.0	.0	.2	.0	.1	.0	.0	.0	.8	15.1	9.5
SSW	.0	.8	.9	18.6	.2	4.6	.1	2.3	.1	1.2	.0	.3	.0	.0	.0	1.4	27.7	10.5
SW	.1	1.3	.7	14.7	.2	4.3	.1	1.5	.0	.2	.0	.3	.0	.0	.0	1.1	22.3	9.9
WSW	.1	1.2	.3	5.6	.0	.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.4	7.8	7.7
W	.0	.4	.1	2.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.7	7.2
WNW	.0	.3	.0	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	6.6
NW	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.2
NNW	.0	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.6
CALM	.3	5.6														.3	5.6	
TOTAL	.8	16.1	3.1	61.4	.7	14.6	.3	5.6	.1	1.5	.0	.7	.0	.0	.0	5.0	100	8.6

FLG FLAGSTAFF, AZ

CLASS 4 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1962-1978

STATION NAME: FLG FLAGSTAFF, AZ

CLASS 4 / DAY

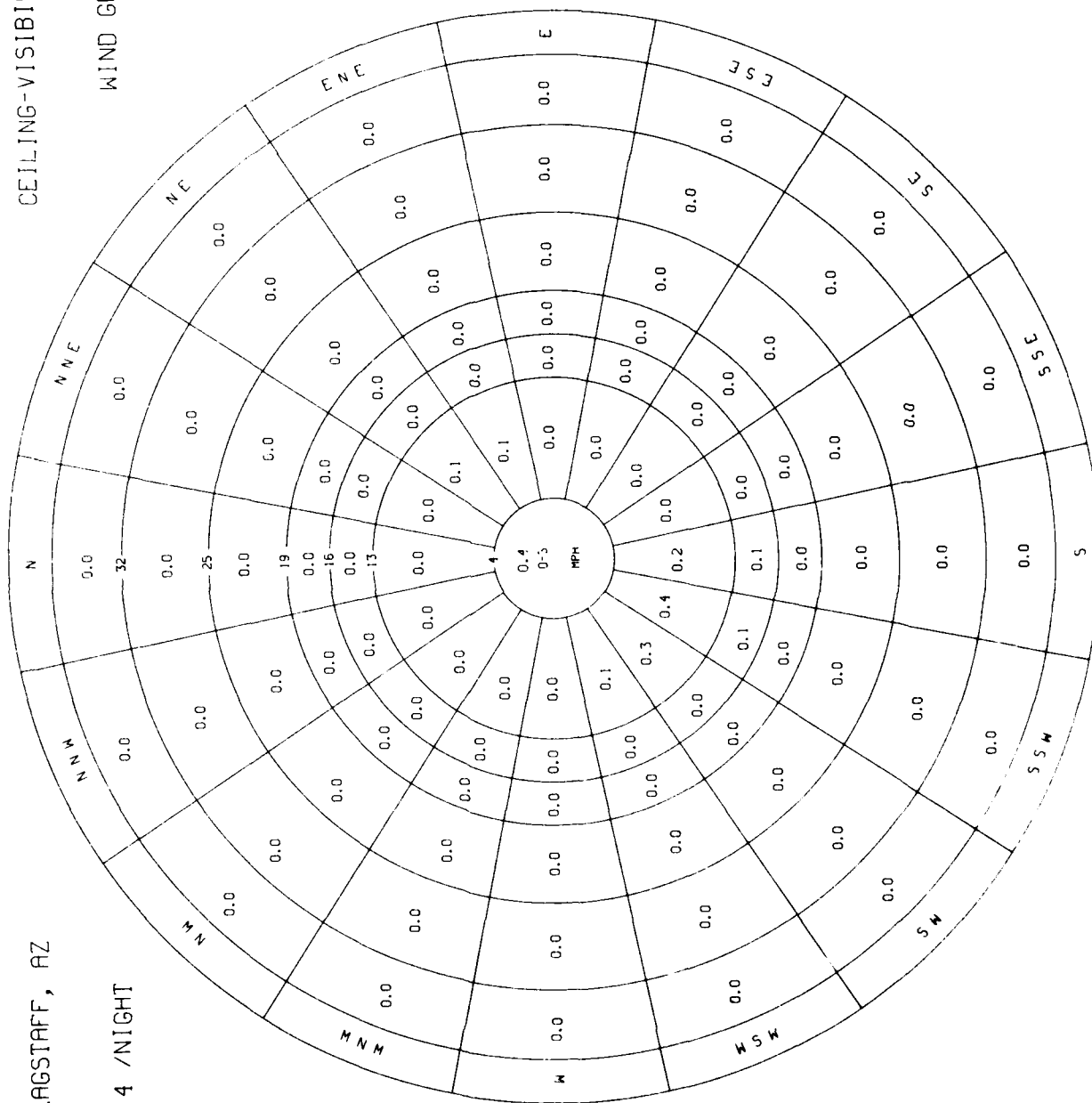
NO. OBS.: 401

STATION NUMBER: 03103

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.2	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.4
NNE	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	7.1
NE	.0	.5	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.4
ENE	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.8
E	.0	.2	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.3
ESE	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.0
SE	.0	.0	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.5	15.0
SSE	.0	.0	.0	.7	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	1.2	12.4
S	.0	.2	.2	12.5	.1	3.2	.0	2.5	.0	.5	.0	.2	.0	.0	.3	19.2	11.0
SSW	.0	2.0	.4	24.4	.1	6.7	.1	3.5	.0	1.5	.0	.0	.0	.0	.6	38.2	10.8
SW	.0	.2	.2	11.0	.1	4.0	.0	1.5	.0	1.5	.0	.0	.0	.0	.3	18.2	12.1
WSW	.0	.2	.0	2.7	.0	.5	.0	.0	.0	.5	.0	.0	.0	.0	.1	4.5	11.9
W	.0	.7	.0	1.7	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.2	7.8
WNW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	11.0
NW	.0	.0	.0	.5	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.7	10.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.1	4.5													.1	4.5	
TOTAL	.1	9.0	1.0	62.1	.2	15.5	.1	9.0	.1	4.2	.0	.2	.0	.0	1.6	100	10.2

FLG FLAGSTAFF, AZ

CLASS 4 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FLG FLAGSTAFF, AZ

PERIOD: 1962-1978

CLASS 4 / NIGHT

STATION NUMBER: 03103

NO. OBS.: 409

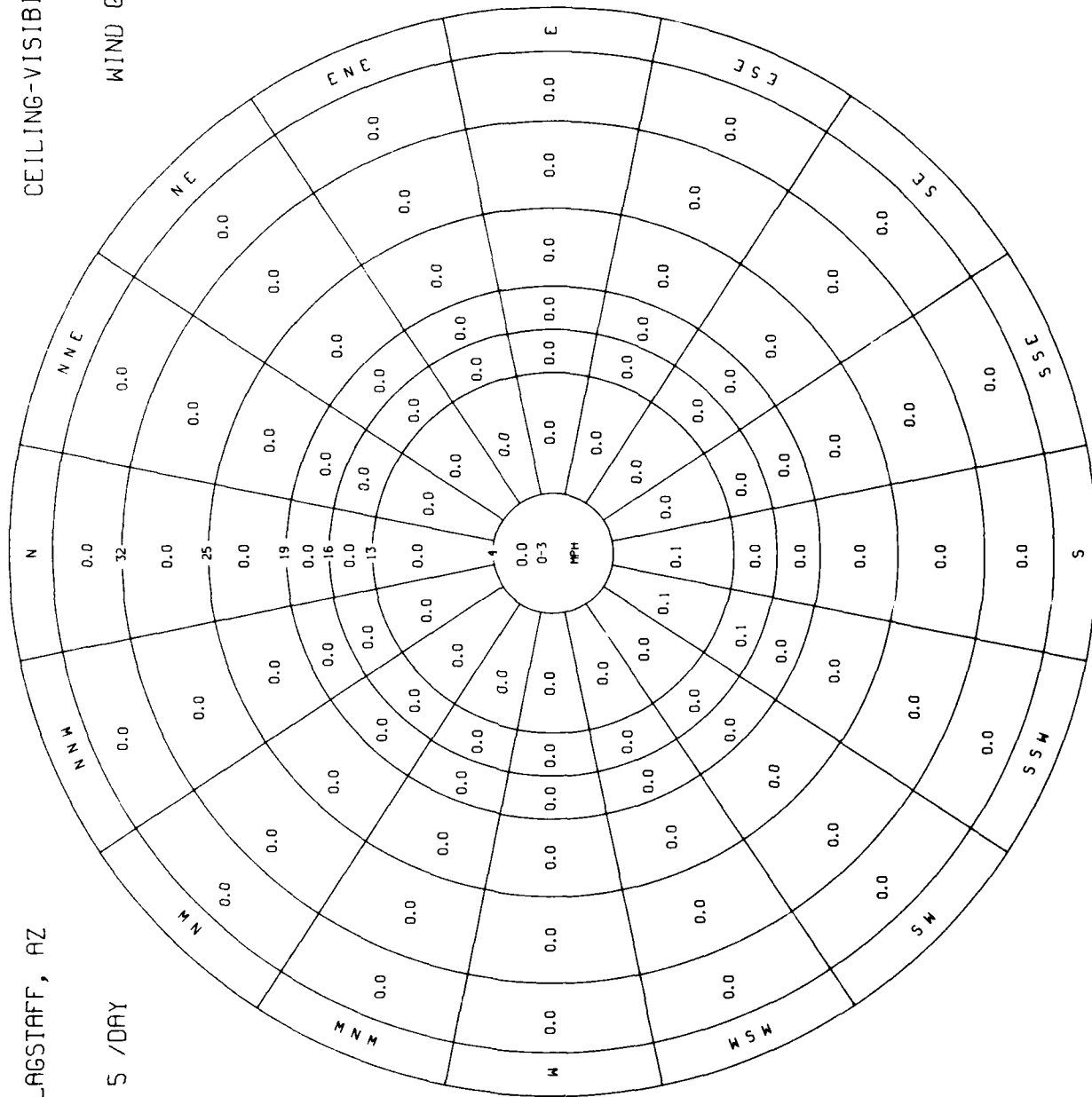
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	1.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	3.9
NNE	.0	.2	.0	1.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	7.3
NE	.0	1.2	.1	2.9	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1	4.6	5.9
ENE	.0	.2	.1	3.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.9	8.1
E	.0	.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.4
ESE	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.0
SE	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.0
SSE	.0	.0	.0	.2	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.7	14.0
S	.0	1.5	.2	11.2	.1	4.4	.0	1.0	.0	.0	.0	.0	.0	.0	.4	18.1	9.7
SSW	.0	.7	.4	18.8	.1	3.9	.0	2.4	.0	1.0	.0	.0	.0	.0	.5	26.9	10.4
SW	.0	1.7	.3	12.7	.0	2.4	.0	1.5	.0	.5	.0	.0	.0	.0	.4	18.8	9.6
WSW	.0	2.0	.1	5.9	.0	.7	.0	.5	.0	.0	.0	.0	.0	.0	.2	9.0	7.1
W	.0	.2	.0	1.5	.0	1.0	.0	.0	.0	.2	.0	.0	.0	.0	.1	2.9	10.4
WNW	.0	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	6.0
NW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	6.5
NNW	.0	.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.5	12.5
CALM	.1	7.6													.1	7.6	
TOTAL	.4	17.8	1.2	60.6	.3	13.7	.1	6.1	.0	1.7	.0	.0	.0	.0	.2	100	8.5

CEILING-VISIBILITY

WIND GRAPH

FLG FLAGSTAFF, AZ

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FLG FLAGSTAFF, AZ

PERIOD: 1962-1978

CLASS 5 / DAY

STATION NUMBER: 03103

NO. OBS.: 145

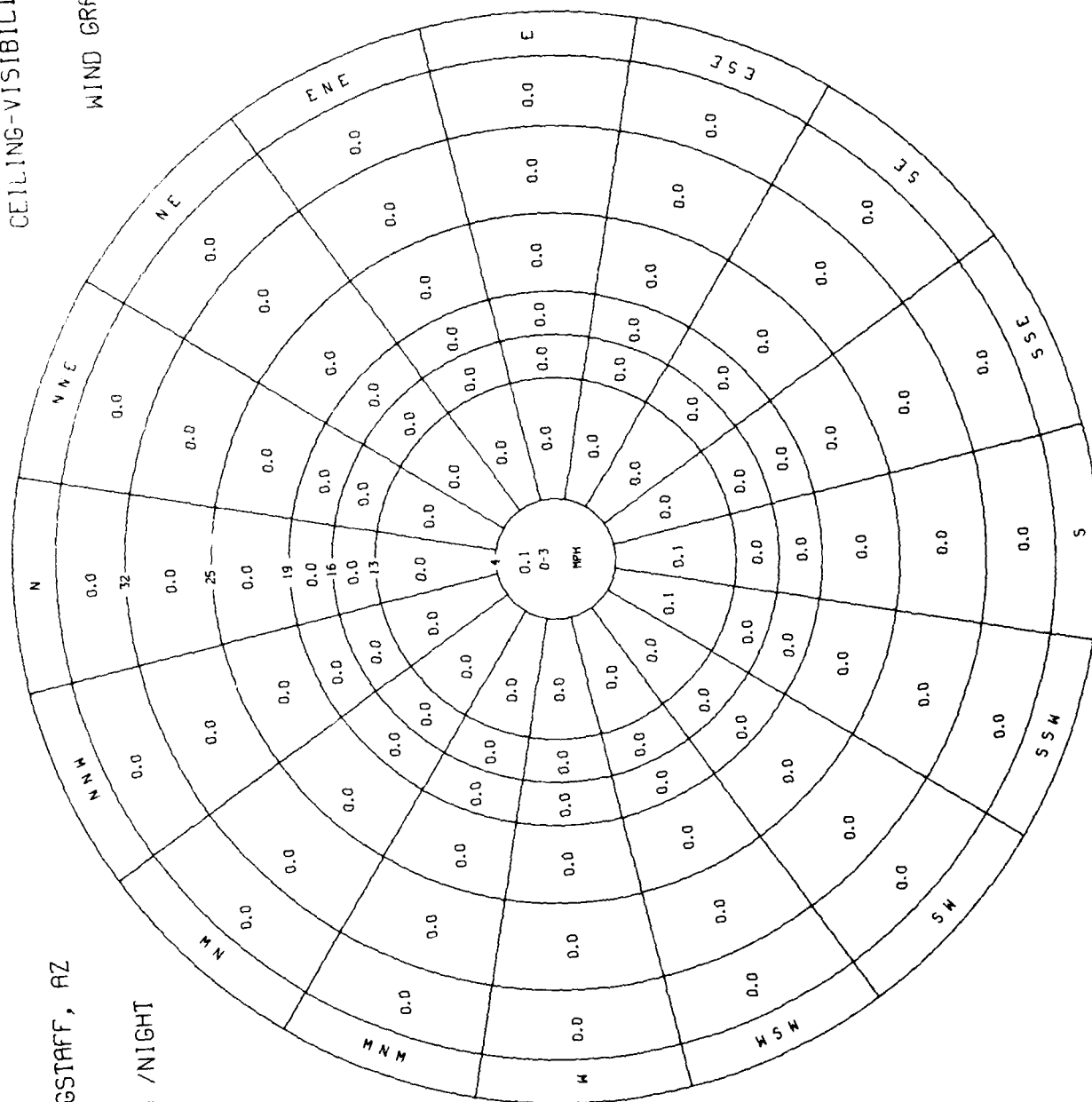
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
NNE	.0	2.1	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1
NE	.0	.0	.0	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5
ENE	.0	.7	.0	6.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9
E	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.7	.1	13.1	.0	6.2	.0	.7	.0	.7	.0	.0	.0	.0	21.4
SSW	.0	.0	.1	18.6	.1	12.4	.0	6.2	.0	.0	.0	.0	.0	.0	37.2
SW	.0	.0	.0	6.2	.0	4.1	.0	1.4	.0	.7	.0	.0	.0	.0	12.4
WSW	.0	.0	.0	2.1	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	2.8
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.7	.0	1.4	.0	.0	.0	.0	.0	.0	2.1
NW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
NNW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
CALM	.0	2.8													2.8
TOTAL	.0	6.2	.3	58.6	.1	23.4	.1	10.3	.0	1.4	.0	.0	.0	.0	10.5

CEILING-VISIBILITY

WIND GRAPH

FLG FLAGSTAFF, AZ

CLASS 5 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1962-1978

STATION NAME: FLG FLAGSTAFF, AZ

CLASS 5 / NIGHT

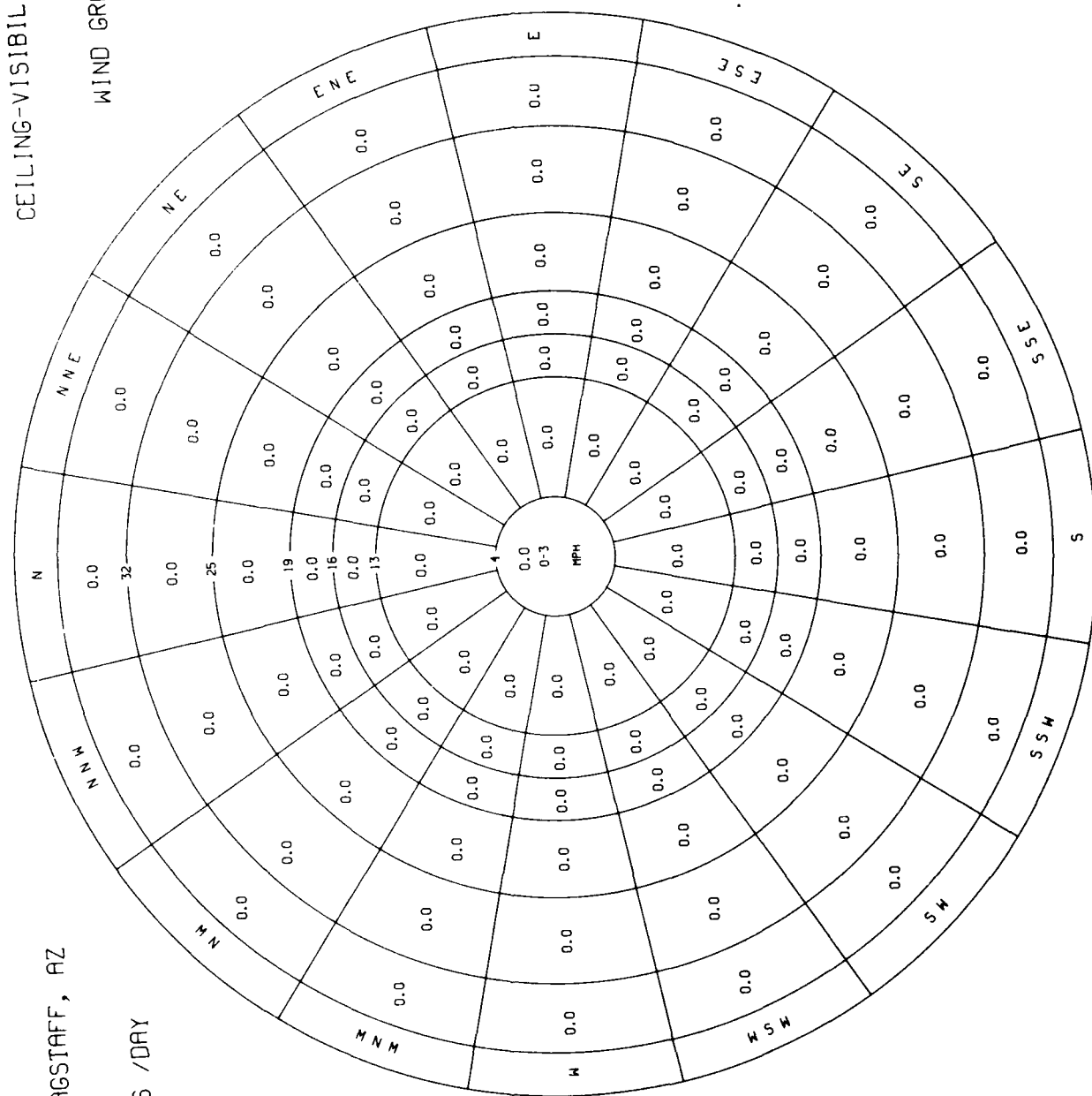
NO. OBS.: 147

STATION NUMBER: 03103

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	4.0
NNE	.0	1.4	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	5.7
NE	.0	.0	.0	4.8	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	6.1	9.6
ENE	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.7
E	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	6.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	10.5
SSE	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	7.0
S	.0	2.7	.1	10.2	.0	1.4	.0	2.0	.0	.0	.0	.0	.0	.0	.1	16.3	8.7
SSW	.0	.0	.1	17.7	.0	6.8	.0	2.0	.0	1.4	.0	.0	.0	.0	.2	27.9	10.9
SW	.0	.7	.0	6.8	.0	2.0	.0	2.7	.0	2.0	.0	.0	.0	.0	.1	14.3	11.7
WSW	.0	.0	.0	5.4	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	6.1	9.1
W	.0	.7	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	1.4	9.5
WNW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	7.3
NW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.0
NNW	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	3.0
CALM	.1	10.9													.1	10.9	
TOTAL	.1	18.4	.4	57.8	.1	10.9	.1	9.5	.0	3.4	.0	.0	.0	.0	.7	100	8.5

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1962-1978

STATION NAME: FLG FLAGSTAFF, AZ

CLASS 6 / DAY

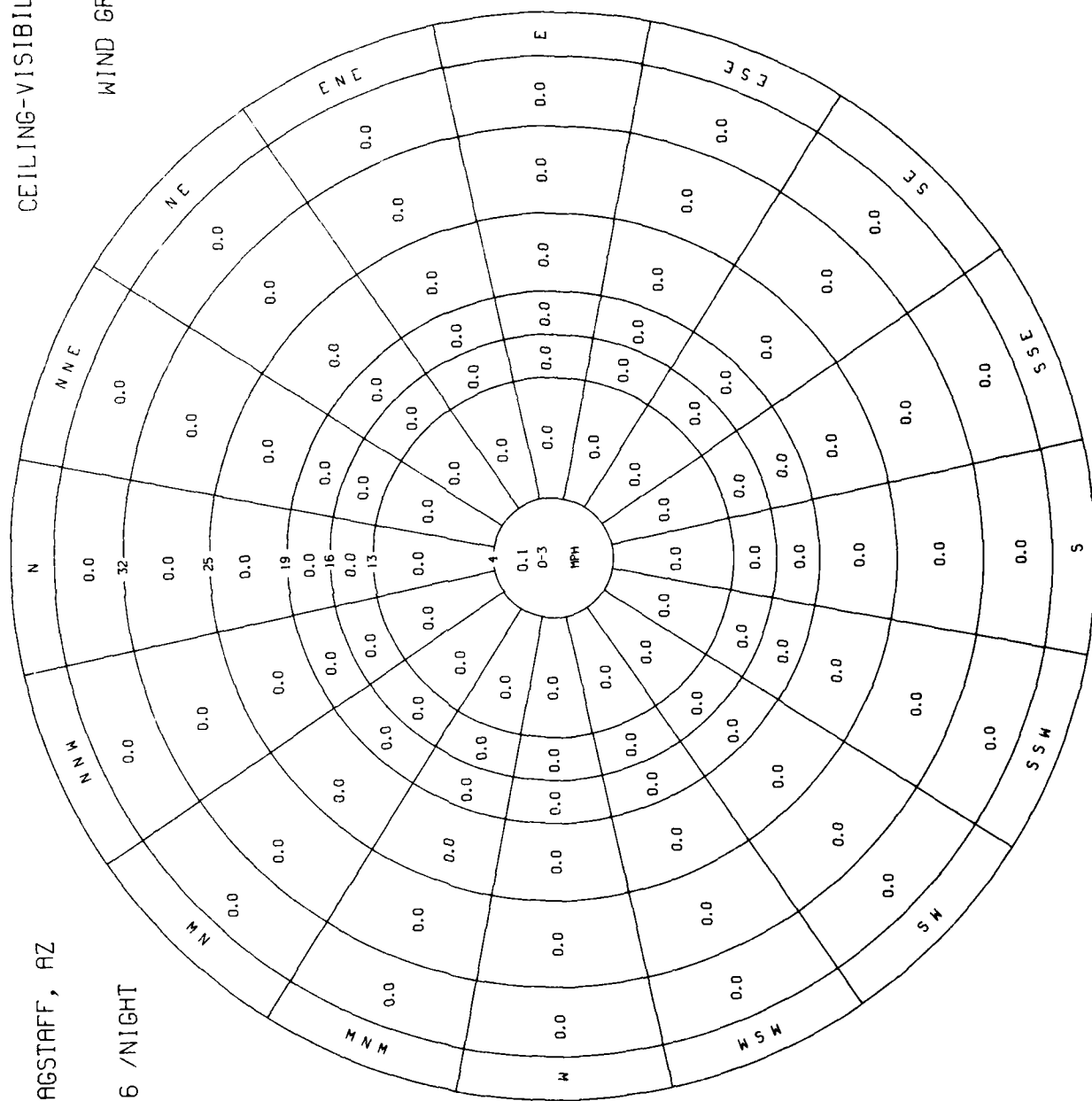
NO. OBS.: 49

STATION NUMBER: 03103

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	4.1	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	6.1	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	8.2
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	4.1	.0	8.2	.0	.0	.0	4.1	.0	.0	.0	.0	.0	.0	9.5
SSW	.0	.0	.0	18.4	.0	8.2	.0	6.1	.0	2.0	.0	.0	.0	.0	16.3
SW	.0	.0	.0	10.2	.0	4.1	.0	2.0	.0	.0	.0	.0	.0	.0	34.7
WSW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	2.0	.0	.0	18.4
W	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1
WNW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	8.2													.0
TOTAL	.0	16.3	.1	51.0	.0	12.2	.0	14.3	.0	4.1	.0	2.0	.0	.0	8.2
															10.2

CEILING-VISIBILITY

WIND GRAPH



FLG FLAGSTAFF, AZ

CLASS 6 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FLG FLAGSTAFF, AZ

PERIOD: 1962-1978

CLASS 6 / NIGHT

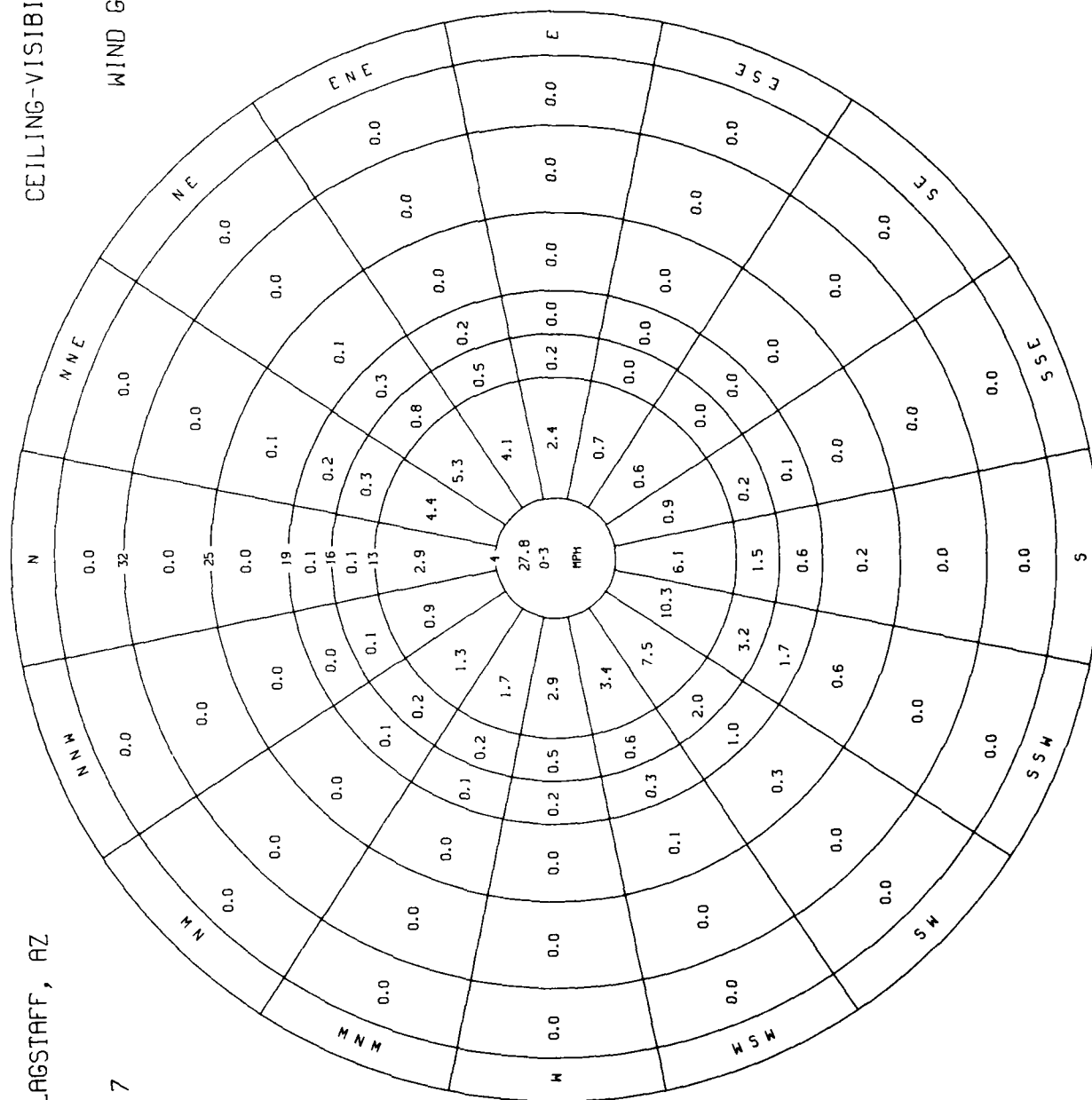
STATION NUMBER: 03103

NO. OBS.: 63

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	1.6	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	4.7
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	6.3	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.9	8.2
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	3.2	.0	7.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	12.7
SSW	.0	.0	.0	15.9	.0	3.2	.0	6.3	.0	1.6	.0	.0	.0	.0	.0	12.7	11.8
SW	.0	3.2	.0	11.1	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	20.6	11.5
WSW	.0	.0	.0	3.2	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	11.0
W	.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	1.6	16.0
WNW	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	3.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.0
CALM	.1	17.5													.1	17.5	
TOTAL	.1	23.8	.1	46.0	.0	15.9	.0	9.5	.0	1.6	.0	3.2	.0	.0	.0	3	100

FLG FLAGSTAFF, AZ

CLASS 7

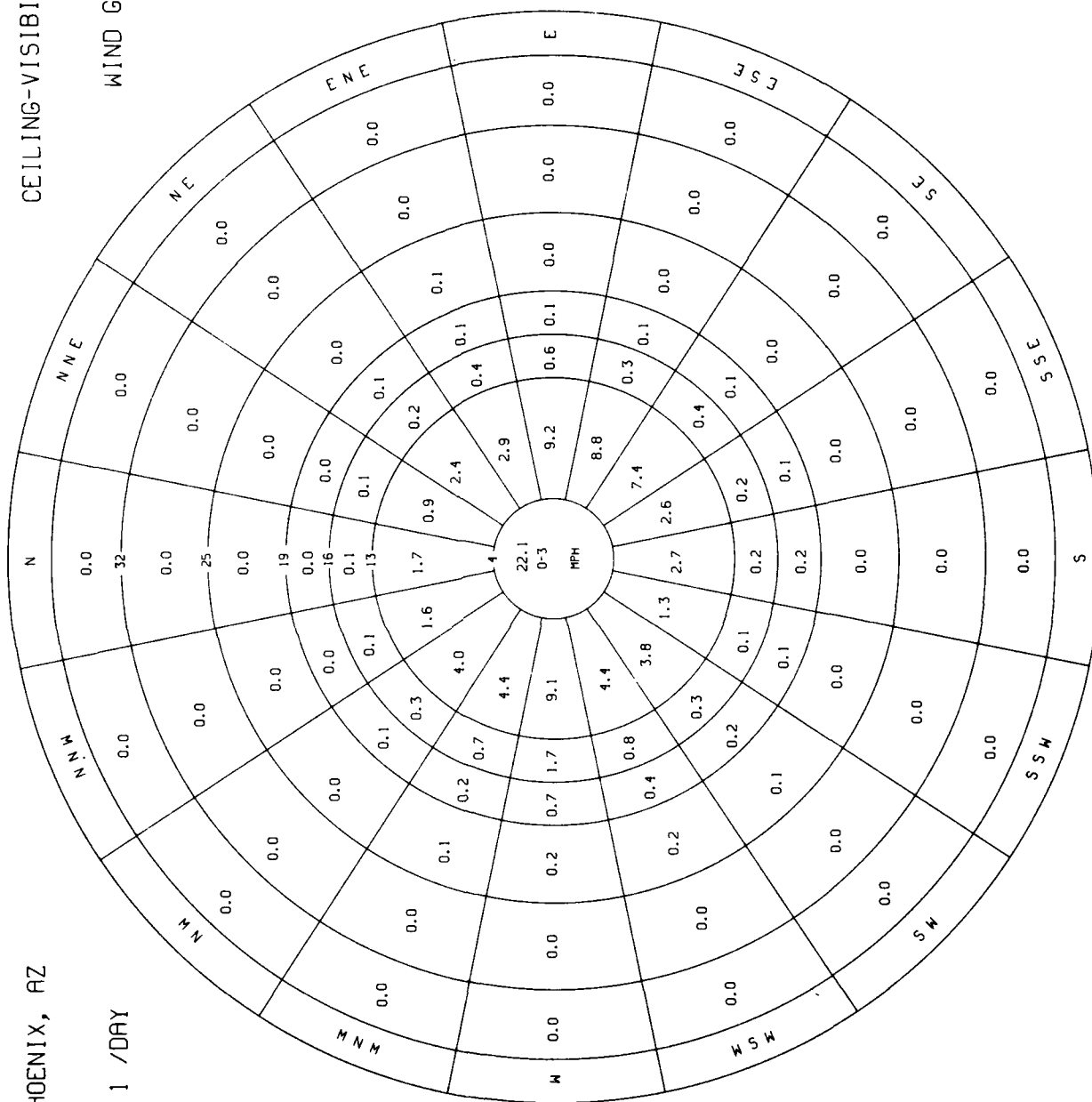


CEILING-VISIBILITY

WIND GRAPH

PHX PHOENIX, AZ

CLASS 1 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PHX PHOENIX, AZ

PERIOD: 1948-1978

CLASS 1 / DAY

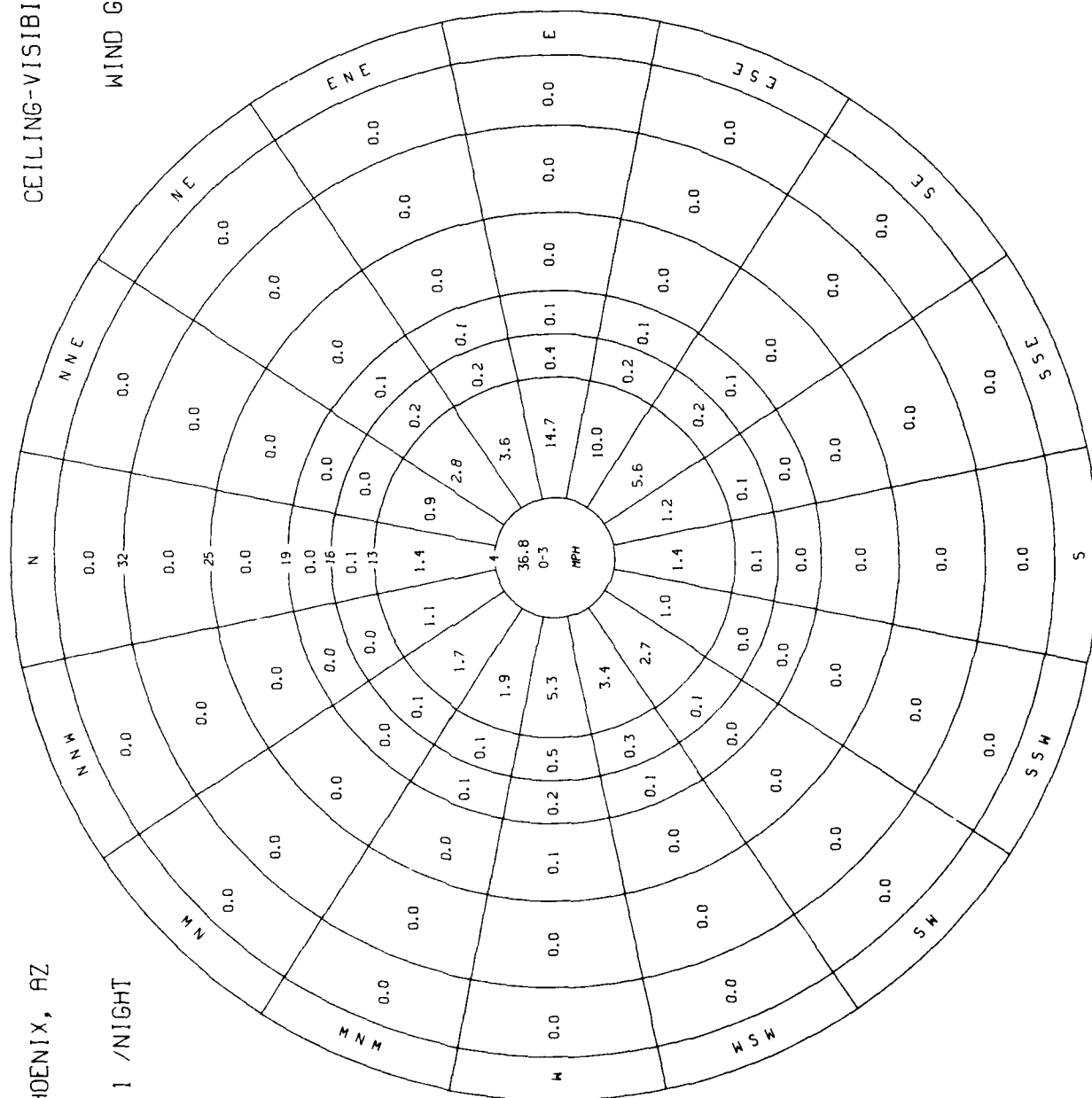
STATION NUMBER: 23183

NO. OBS.: 47865

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.9	.9	1.7	1.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.7 2.8
NNE	.5	.5	.9	.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5 1.5
NE	1.1	1.2	2.4	2.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.9 3.9
ENE	.7	.8	2.9	2.9	.4	.4	.1	.1	.1	.1	.0	.0	.0	.0	4.2 4.3
E	2.1	2.2	9.2	9.3	.6	.6	.1	.1	.0	.0	.0	.0	.0	.0	12.1 12.2
ESE	1.3	1.3	8.8	8.9	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	10.6 10.7
SE	1.9	1.9	7.4	7.4	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	9.9 9.9
SSE	.7	.7	2.6	2.6	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.6 3.6
S	1.1	1.1	2.7	2.7	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	4.2 4.2
SSW	.5	.5	1.3	1.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.0 2.0
SW	1.3	1.3	3.8	3.9	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	5.7 5.7
WSW	.7	.7	4.4	4.5	.8	.8	.4	.4	.2	.2	.0	.0	.0	.0	6.6 6.6
W	1.5	1.5	9.1	9.2	1.7	1.8	.7	.7	.2	.2	.0	.0	.0	.0	13.4 13.4
WNW	.8	.8	4.4	4.4	.7	.7	.2	.2	.1	.1	.0	.0	.0	.0	6.0 6.1
NW	1.3	1.3	4.0	4.0	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	5.7 5.7
NNW	.5	.5	1.6	1.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2 2.2
CALM	5.1	5.1													5.1 5.1
TOTAL	22.1	22.2	67.2	67.5	6.5	6.5	2.6	2.6	1.0	1.0	.2	.2	.0	.0	99.5 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: PHX PHOENIX, AZ

CLASS 1 / NIGHT

NO. OBS.: 42355

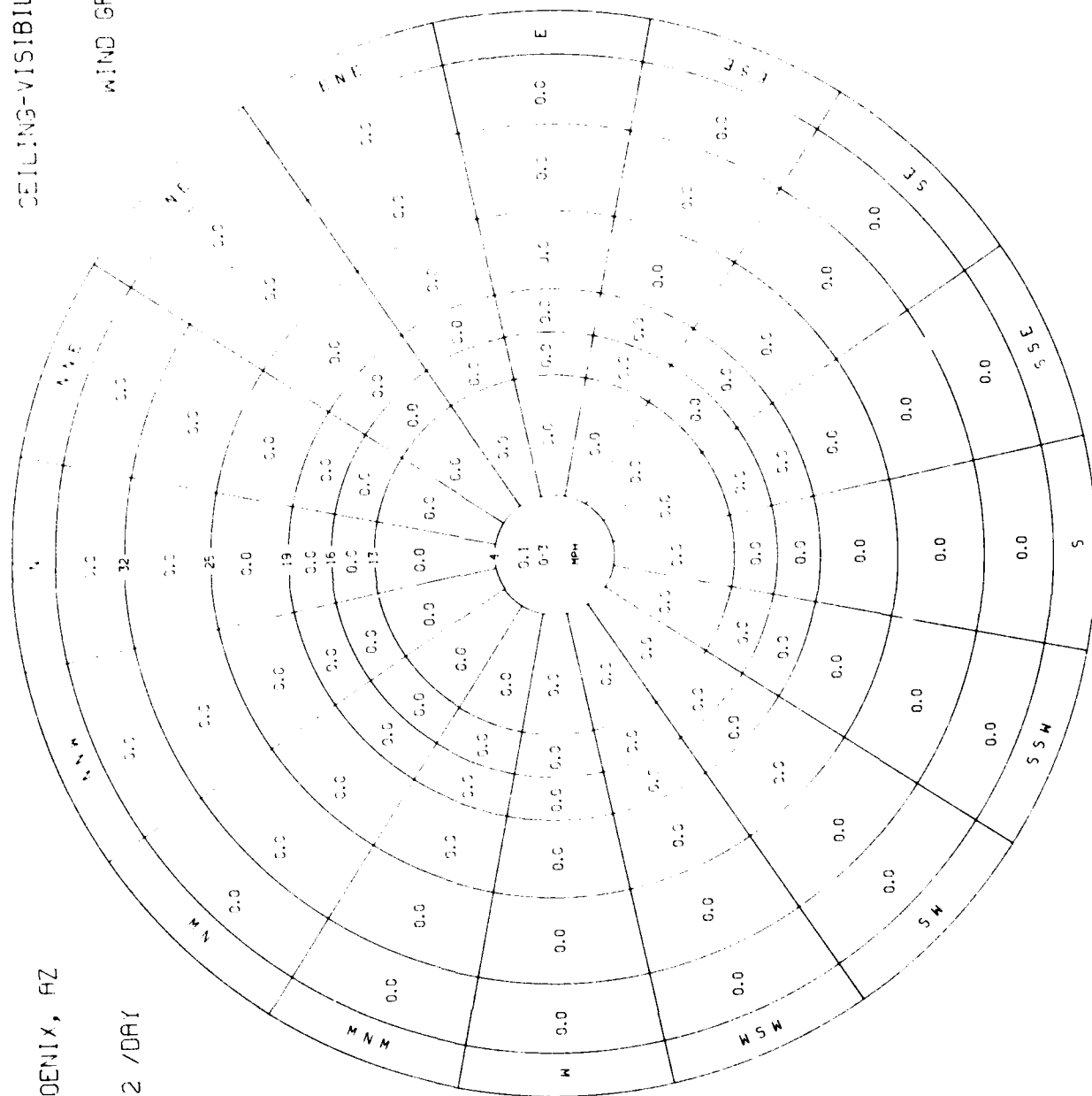
STATION NUMBER: 23183

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	1.2	1.2	1.4	1.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.7	2.7	5.3
NNE	.8	.8	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	1.8	5.3
NE	2.0	2.0	2.8	2.8	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	5.0	5.0	5.6
ENE	1.3	1.3	3.6	3.6	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	5.3	5.3	6.4
E	4.7	4.7	14.7	14.7	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	19.9	20.0	6.2
ESE	2.6	2.6	10.0	10.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	12.9	12.9	6.4
SE	2.9	2.9	5.6	5.6	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	8.9	8.9	5.8
SSE	.9	.9	1.2	1.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.2	5.8
S	1.1	1.1	1.4	1.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.7	2.7	5.6
SSW	.5	.5	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	1.6	5.7
SW	1.4	1.4	2.7	2.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.2	4.2	5.6
WSW	1.0	1.0	3.4	3.4	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.8	4.8	7.2
W	1.5	1.5	5.3	5.4	.5	.6	.2	.2	.1	.1	.0	.0	.0	.0	7.7	7.7	7.4
WNW	.7	.7	1.9	1.9	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.8	2.8	6.5
NW	1.1	1.1	1.7	1.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.0	5.7
NNW	.5	.5	1.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	1.7	5.8
CALM	12.6	12.7													12.6	12.7	
TOTAL	36.8	36.9	58.8	58.9	2.6	2.6	1.0	1.0	.4	.4	.1	.1	.0	.0	99.7	100	5.4

WIND GRAPH

PHX PHOENIX, AZ

CLASS 2 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: PHX PHOENIX, AZ

CLASS 2 / DAY

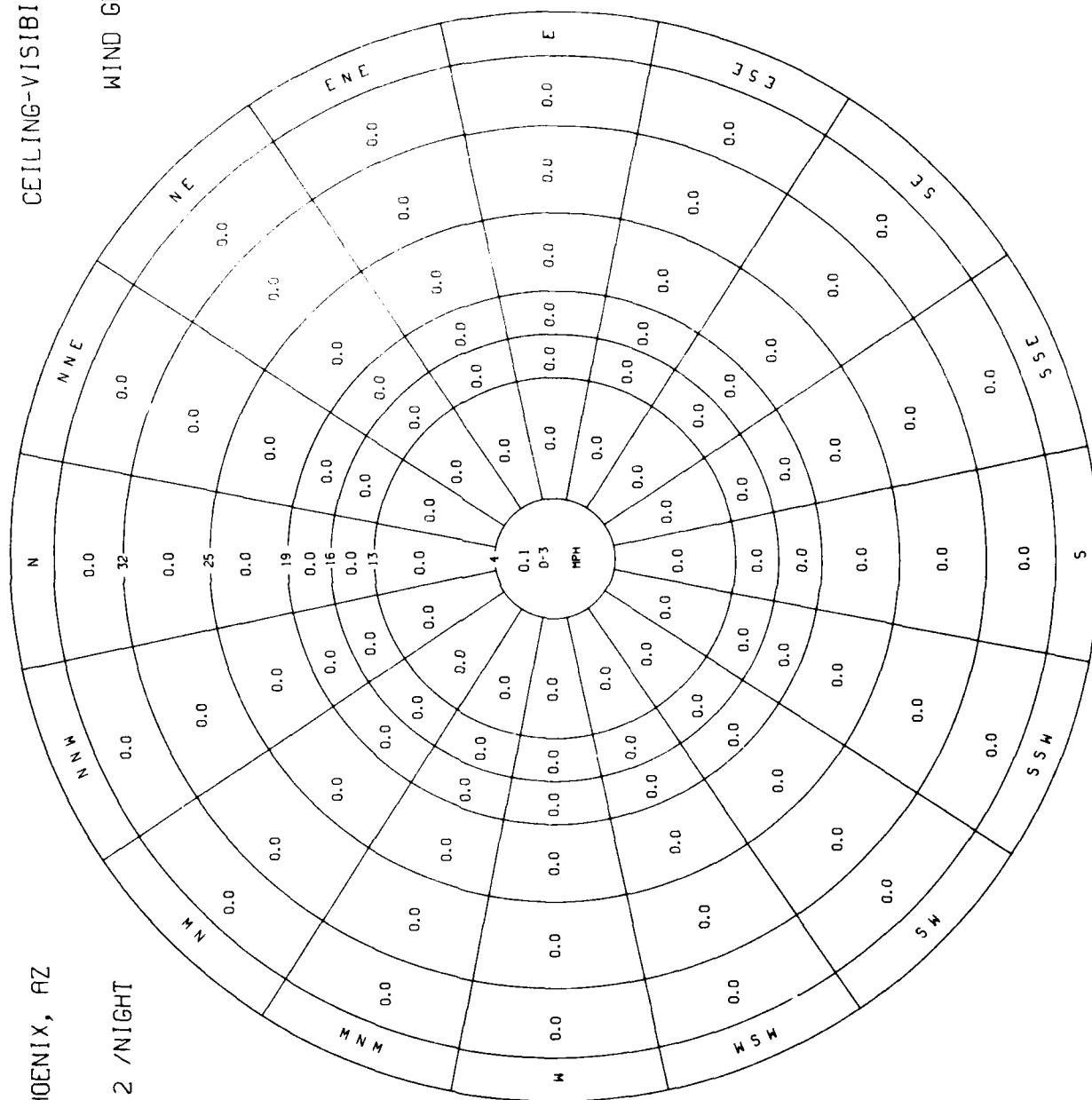
NO. OBS.: 237

STATION NUMBER: 23183

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.1	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.0
NNE	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0 1.3
NE	.0	1.3	.0	.8	.0	.4	.0	.0	.0	.0	.0	1.3	.0	.4	.0 4.2
ENE	.0	.0	.0	4.2	.0	.4	.0	.0	.0	.4	.0	.0	.0	.4	.0 5.5
E	.0	1.7	.0	7.2	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0 10.1
ESE	.0	1.3	.0	7.2	.0	1.7	.0	.0	.0	.4	.0	.0	.0	.0	.1 10.5
SE	.0	.4	.0	5.9	.0	.8	.0	.8	.0	.0	.0	.4	.0	.8	.0 8.9
SSE	.0	1.7	.0	.8	.0	.0	.0	.0	.0	.4	.0	.4	.0	.8	.0 4.2
S	.0	1.3	.0	1.3	.0	.4	.0	.0	.0	.4	.0	.8	.0	.8	.0 5.1
SSW	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
SW	.0	.8	.0	2.5	.0	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0 4.2
WSW	.0	1.7	.0	3.0	.0	1.7	.0	.4	.0	.8	.0	1.7	.0	.0	.0 9.3
W	.0	2.1	.0	6.3	.0	.8	.0	.4	.0	2.5	.0	.8	.0	.0	.1 13.1
WNW	.0	1.7	.0	1.3	.0	.0	.0	.4	.0	.8	.0	1.3	.0	.0	.0 5.5
NW	.0	1.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.4
NNW	.0	.4	.0	1.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0 2.5
CALM	.0	8.4													.0 8.4
TOTAL	.1	27.4	.2	45.1	.0	8.4	.0	2.1	.0	5.9	.0	6.8	.0	4.2	.5 100

PHX PHOENIX, AZ

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PHX PHOENIX, AZ

PERIOD: 1948-1978

CLASS 2 / NIGHT

STATION NUMBER: 23183

NO. OBS.: 111

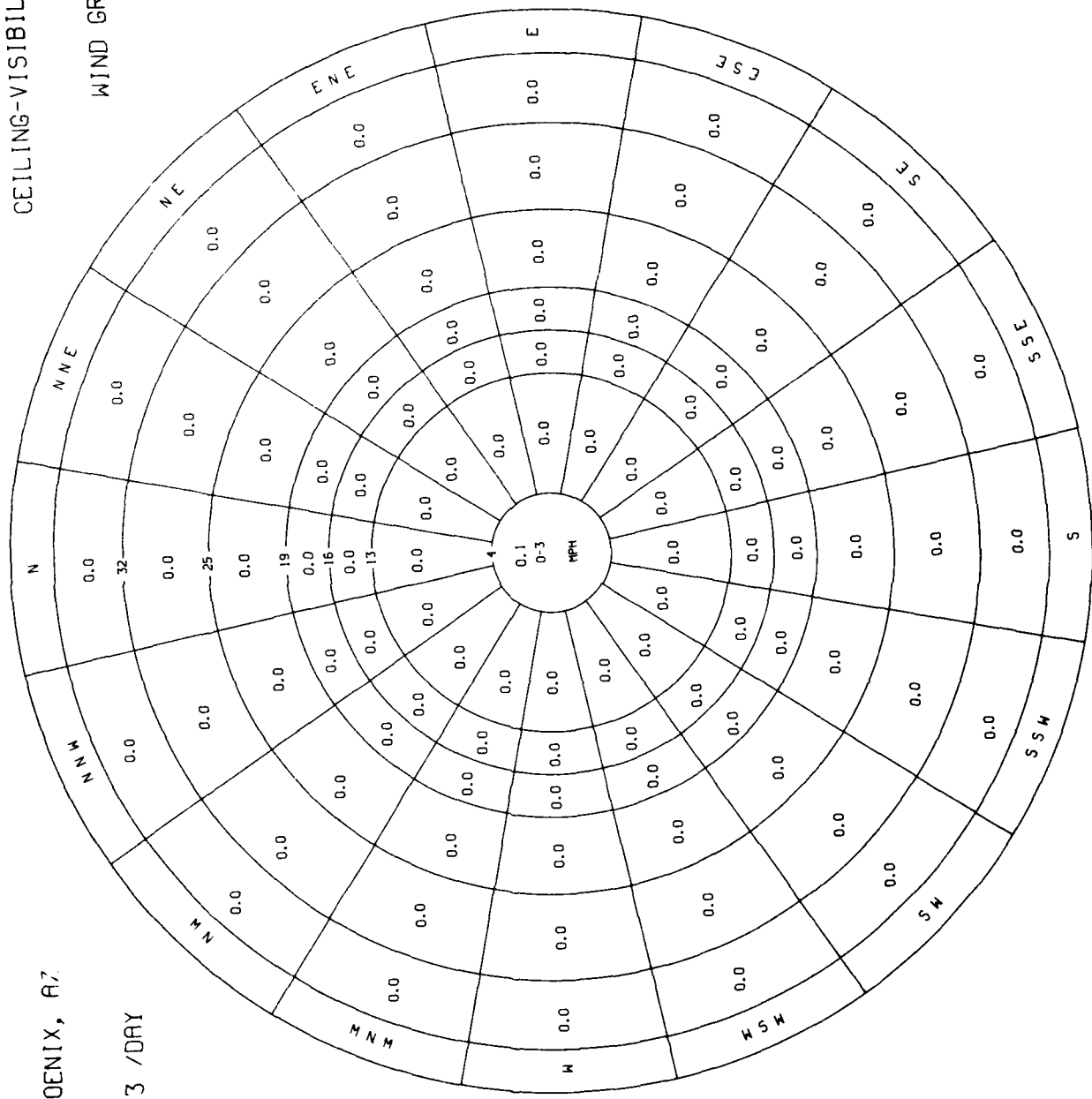
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.9	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.3
NNE	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	7.0
NE	.0	.9	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	7.0
ENE	.0	.9	.0	1.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	8.2
E	.0	.9	.0	11.7	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	13.5	7.8
ESE	.0	.9	.0	4.5	.0	1.8	.0	.9	.0	.9	.0	.0	.0	1.8	.0	10.8	14.7
SE	.0	3.6	.0	2.7	.0	.0	.0	.0	.0	.9	.0	1.8	.0	1.8	.0	10.8	15.3
SSE	.0	.9	.0	.0	.0	.0	.0	.0	.0	1.8	.0	.0	.0	.9	.0	3.6	19.2
S	.0	.9	.0	2.7	.0	.0	.0	.9	.0	.9	.0	.9	.0	.0	.0	6.3	13.1
SSW	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	1.8	14.0
SW	.0	.9	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.4
WSW	.0	.0	.0	7.2	.0	.9	.0	.0	.0	.0	.0	.9	.0	.0	.0	9.0	8.3
W	.0	1.8	.0	1.8	.0	.9	.0	2.7	.0	.0	.0	.0	.0	.0	.0	7.2	10.9
WNW	.0	1.8	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	6.0
NW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.0
NNW	.0	.9	.0	.0	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	1.8	13.0
CALM	.0	10.8													.0	10.8	
TOTAL	.1	27.9	.1	47.7	.0	4.5	.0	5.4	.0	5.4	.0	4.5	.0	4.5	.3	10.0	9.4

CEILING-VISIBILITY

WIND GRAPH

PHX PHOENIX, AZ

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PHX PHOENIX, AZ

PERIOD: 1948-1978

CLASS 3 / DAY

STATION NUMBER: 23183

NO. OBS.: 179

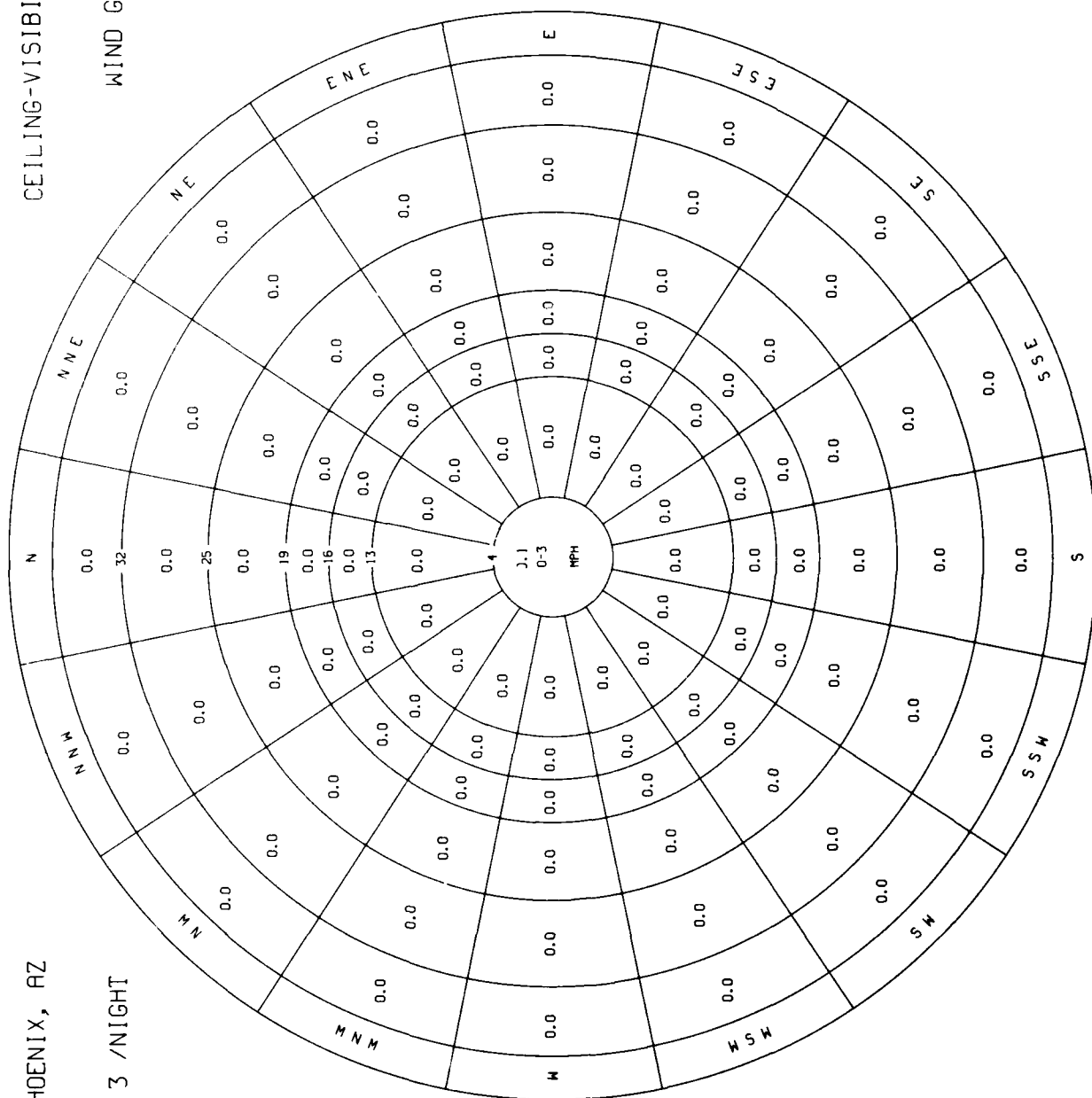
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	1.7	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	5.8		
NNE	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	1.7	13.0		
NE	.0	1.7	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.6	4.5	14.5		
ENE	.0	.0	.0	3.9	.0	.6	.0	.0	.0	.6	.0	.0	.0	.0	.0	5.0	9.5		
E	.0	.0	.0	7.8	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5	8.8		
ESE	.0	1.1	.0	8.4	.0	1.7	.0	.0	.0	.6	.0	.0	.0	.0	.0	11.7	9.4		
SE	.0	.6	.0	6.7	.0	1.1	.0	1.1	.0	.0	.0	.0	.6	.0	.0	9.5	9.1		
SSE	.0	1.7	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	2.8	10.0		
S	.0	.0	.0	1.1	.0	.6	.0	.0	.0	.6	.0	.0	.6	.0	.0	2.8	15.0		
SSW	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.0		
SW	.0	1.1	.0	2.8	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	6.1		
WSW	.0	1.7	.0	3.4	.0	2.2	.0	.6	.0	1.1	.0	2.2	.0	.0	.0	11.2	14.3		
W	.0	1.1	.0	7.8	.0	1.1	.0	.6	.0	2.8	.0	.6	.0	.0	.0	14.0	12.0		
WNW	.0	1.7	.0	1.7	.0	.0	.0	.6	.0	1.1	.0	1.7	.0	.0	.0	6.7	14.4		
NW	.0	2.2	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	4.0		
NNW	.0	.6	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.0		
CALM	.0	5.6														5.6			
TOTAL	.1	21.8	.2	51.4	.0	9.5	.0	2.8	.0	6.7	.0	7.3	.0	.6	.4	100	9.9		

CEILING-VISIBILITY

WIND GRAPH

PHX PHOENIX, AZ

CLASS 3 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PHX PHOENIX, AZ

PERIOD: 1948-1978

CLASS 3 / NIGHT

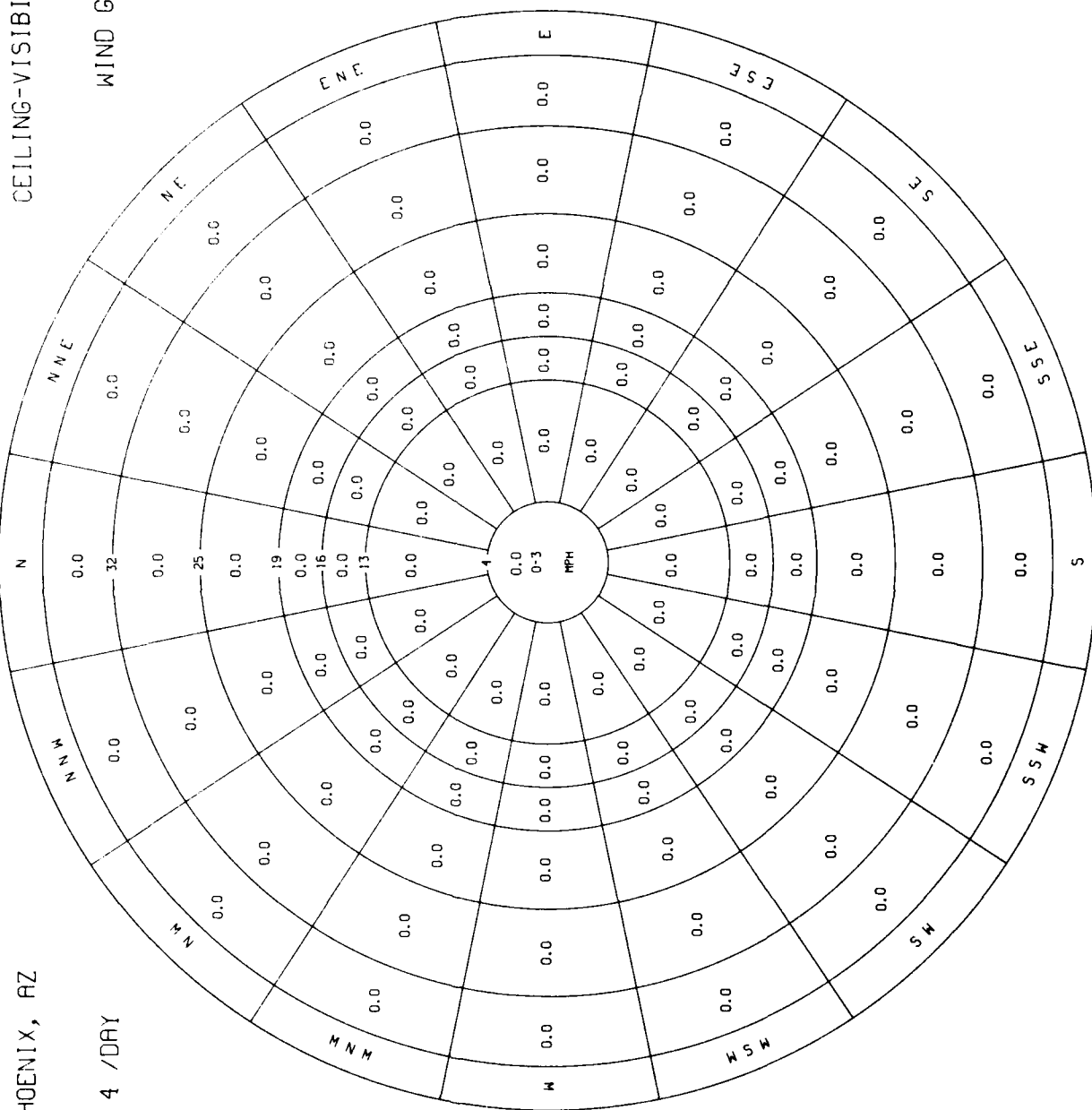
STATION NUMBER: 23183

NO. OBS.: 87

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.1	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4
NNE	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4
NNE	.0	1.1	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4
ENE	.0	.0	.0	2.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	3.4
E	.0	1.1	.0	10.3	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	10.0
ESE	.0	1.1	.0	4.6	.0	2.3	.0	1.1	.0	1.1	.0	.0	.0	.0	12.6
SE	.0	4.6	.0	3.4	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	10.3
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	10.3
S	.0	.0	.0	3.4	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	2.3
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0	5.7
SW	.0	1.1	.0	6.9	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0	1.1
WSW	.0	.0	.0	6.9	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	8.0
W	.0	2.3	.0	2.3	.0	1.1	.0	3.4	.0	.0	.0	.0	.0	.0	9.2
WNW	.0	2.3	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.2
NW	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7
NNW	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
CALM	.0	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
TOTAL	.1	25.3	.1	52.9	.0	5.7	.0	6.9	.0	3.4	.0	4.6	.0	1.1	.2
															100
															8.5

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: PHX PHOENIX, AZ

CLASS 4 / DAY

NO. OBS.: 20

STATION NUMBER: 23183

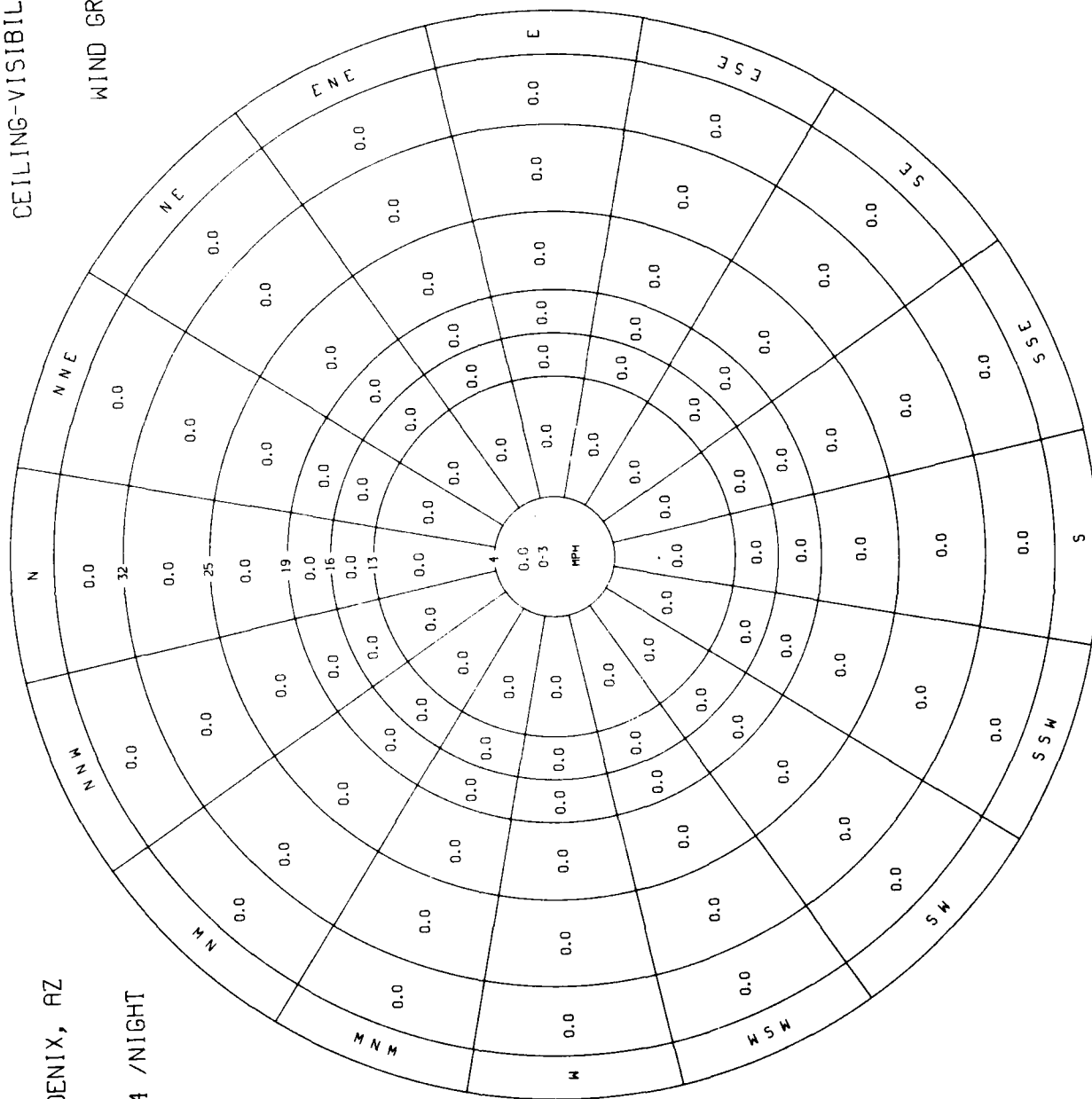
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CEILING-VISIBILITY

WIND GRAPH

PHX PHOENIX, AZ

CLASS 4 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: PHX PHOENIX, AZ

CLASS 4 / NIGHT

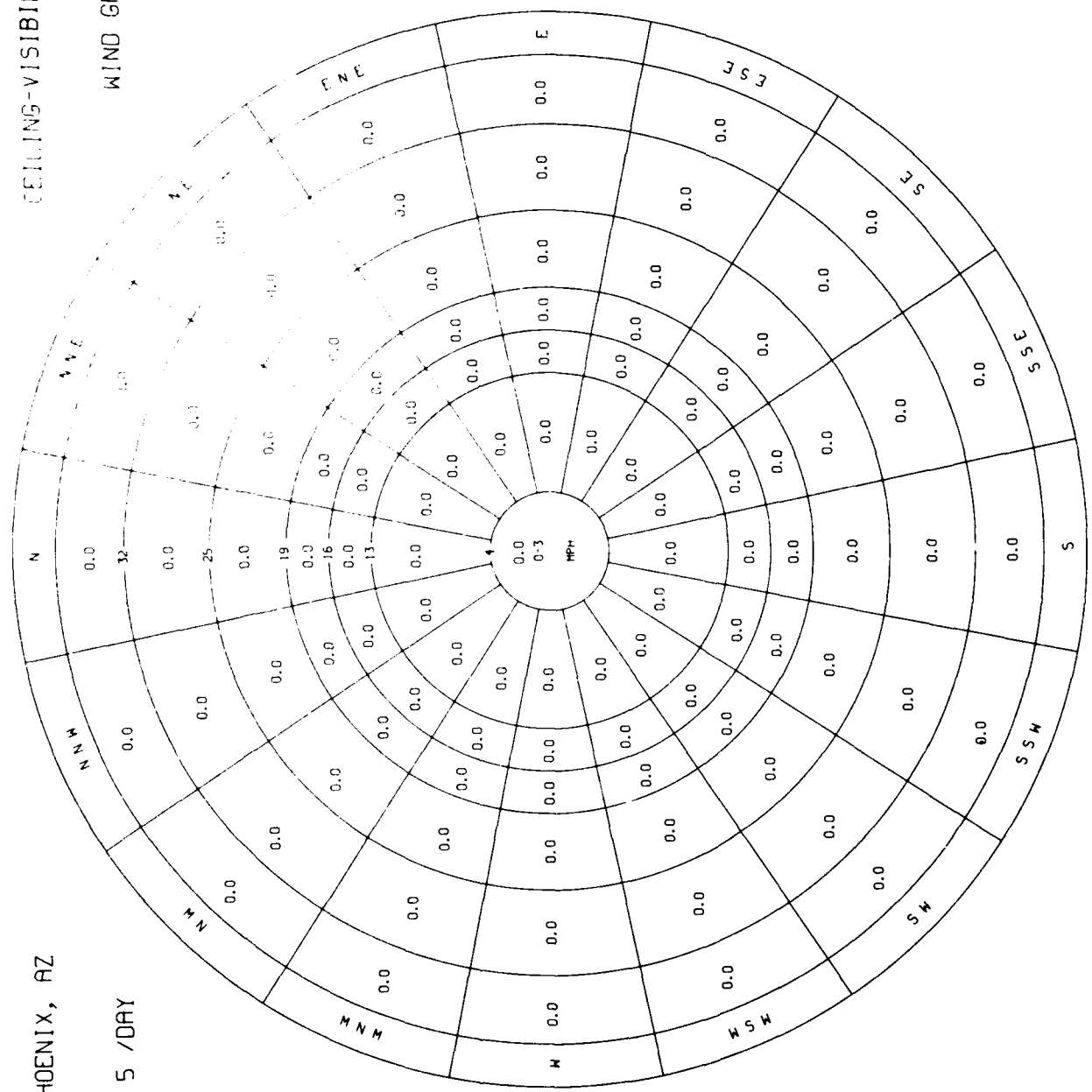
NO. OBS.: 8

STATION NUMBER: 23183

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
E	.0	.0	.0	12.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5	6.0	
ESE	.0	.0	.0	12.5	.0	.0	.0	.0	.0	.0	.0	.0	12.5	.0	25.0	20.5	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSE	.0	12.5	.0	.0	.0	.0	.0	.0	.0	12.5	.0	.0	.0	.0	25.0	12.5	
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5	.0	.0	.0	.0	12.5	23.0	
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	12.5													.0	12.5	
TOTAL	.0	25.0	.0	37.5	.0	.0	.0	.0	.0	25.0	.0	.0	.0	12.5	.0	100	

CEILING-VISIBILITY WIND GRAPH

PHX PHOENIX, AZ
CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: PHX PHOENIX, AZ

CLASS 5 / DAY

NO. OBS.: 9

STATION NUMBER: 23183

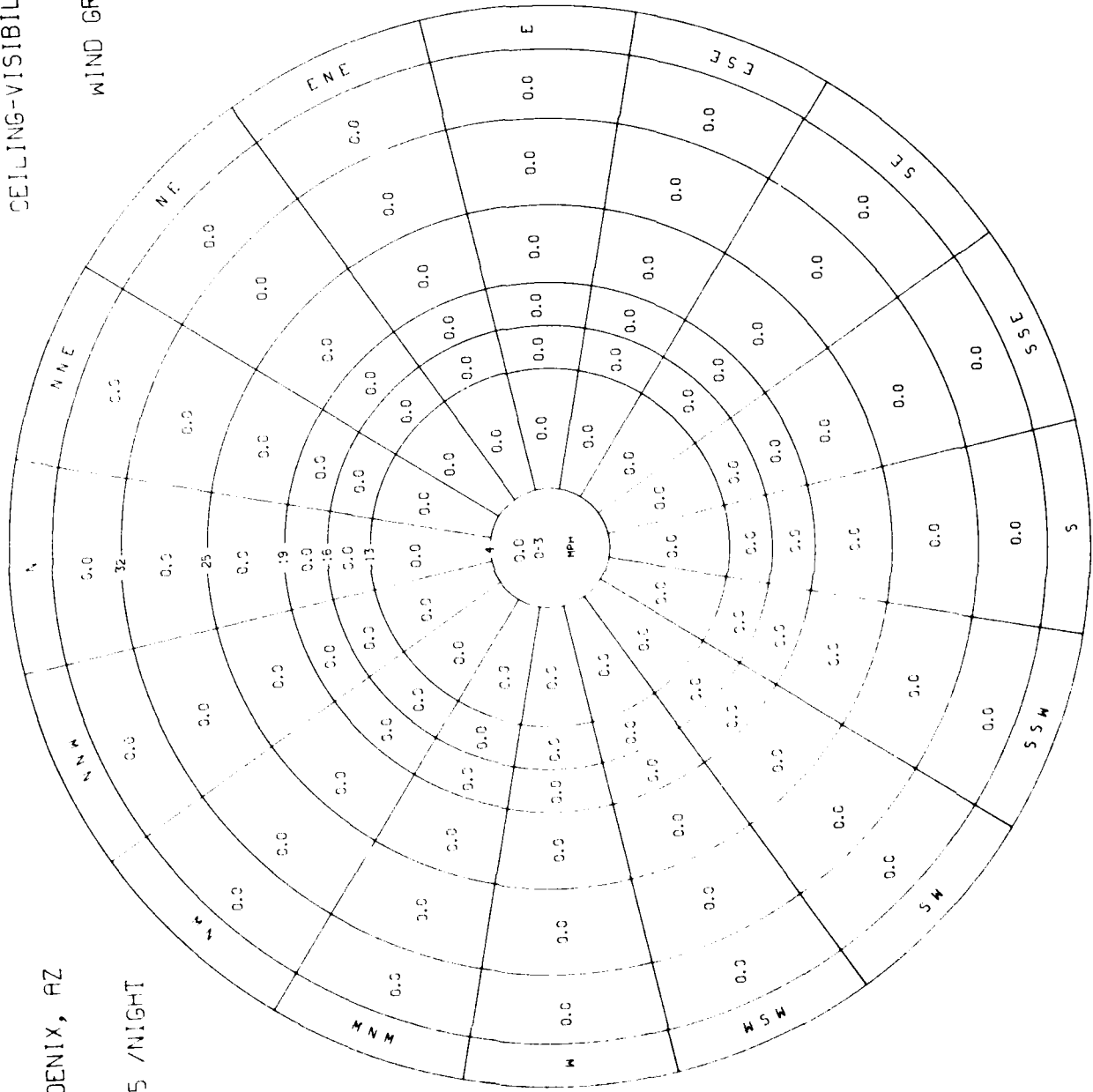
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
															C	D			
N	.0	11.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	2.0	
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
E	.0	11.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	3.0	
ESE	.0	.0	.0	.0	.0	11.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	15.0	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	32.0	
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
W	.0	.0	.0	11.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22.2	15.0	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	39.0	
CALM	.0	22.2															22.2		
TOTAL	.0	44.4	.0	11.1	.0	11.1	.0	.0	.0	11.1	.0	.0	.0	.0	.0	.0	22.2	13.4	

CEILING-VISIBILITY

WIND GRAPH

PHX PHOENIX, AZ

CLASS 5 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: PHX PHOENIX, AZ

CLASS 5 / NIGHT

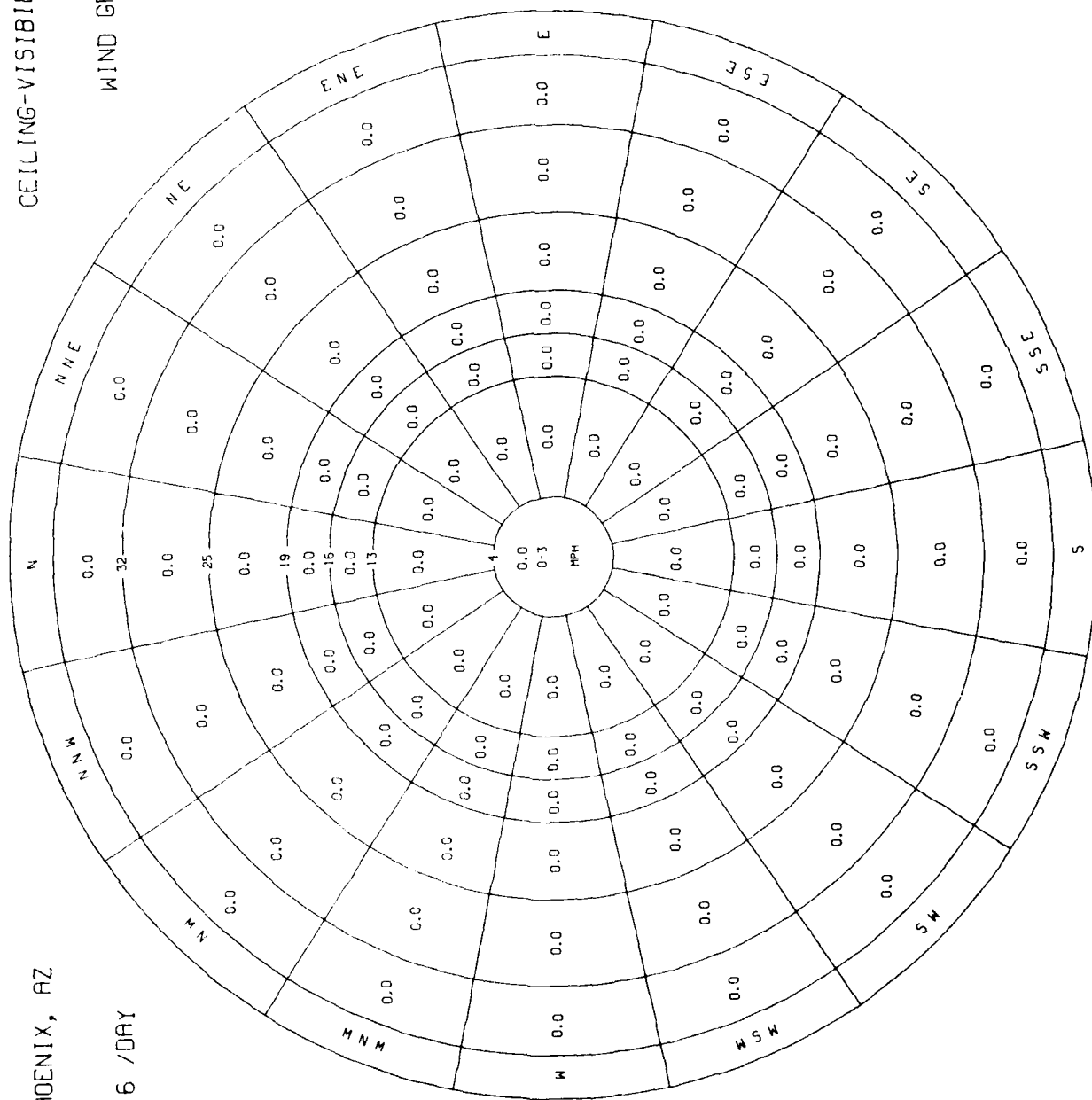
NO. OBS.: 4

STATION NUMBER: 23183

DIR	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	25.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	25.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
SSW	.0	25.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	25.0													.0
TOTAL	.0	75.0	.0	25.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: PHX PHOENIX, AZ

CLASS 6 / DAY

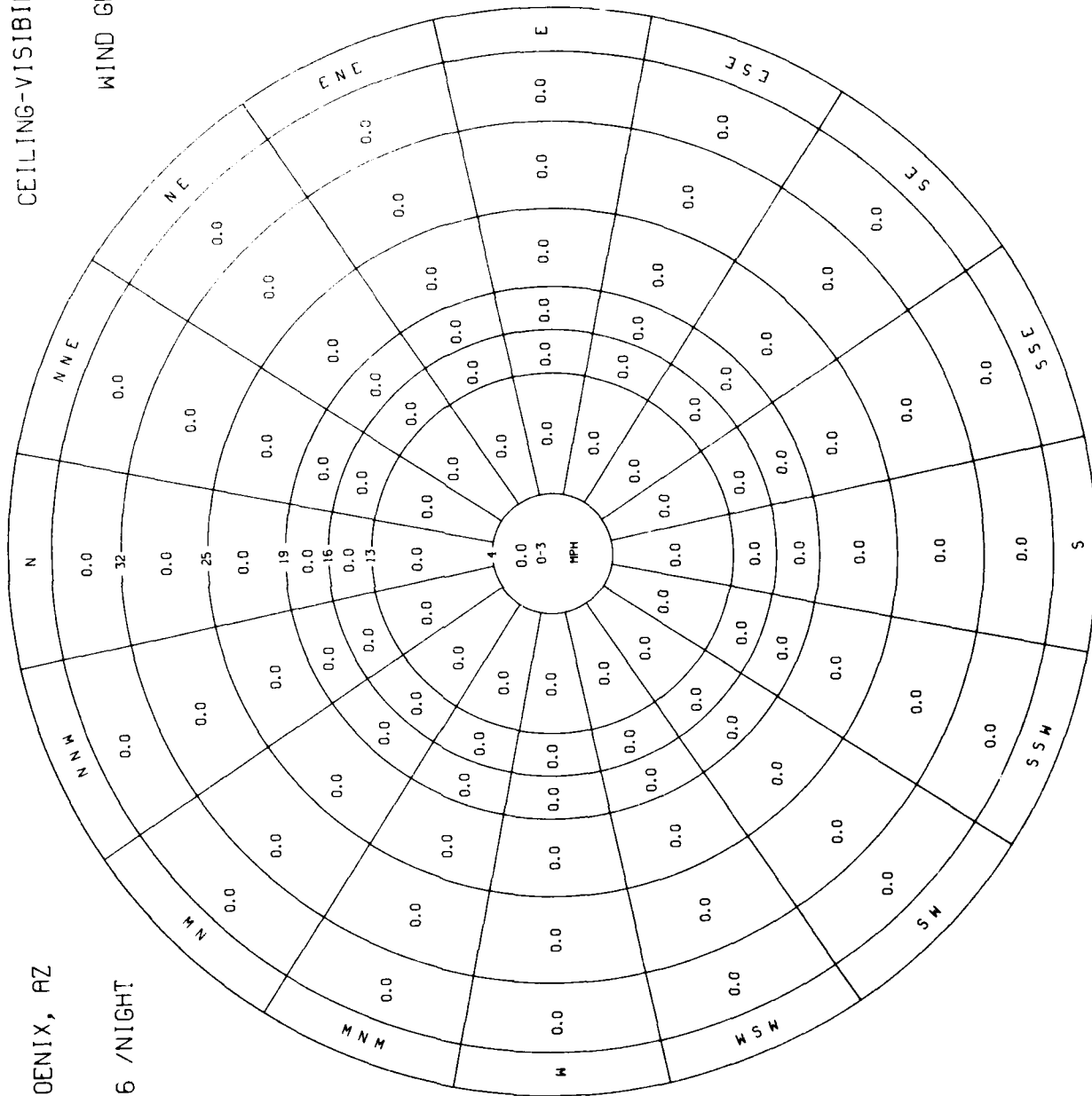
NO. OBS.: 29

STATION NUMBER: 23183

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.4
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
N	.0	.0	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.4
ENE	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	.0 6.9
E	.0	6.9	.0	6.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 13.8
ESE	.0	3.4	.0	6.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 10.3
SE	.0	.0	.0	6.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	.0 10.3
SSE	.0	3.4	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.9
S	.0	6.9	.0	3.4	.0	.0	.0	.0	.0	.0	.0	3.4	.0	3.4	.0 17.2
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
SW	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.4
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
W	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.4
WNW	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.4
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
CALM	.0	17.2													.0 17.2
TOTAL	.0	48.3	.0	34.5	.0	3.4	.0	.0	.0	.0	.0	3.4	.0	10.3	.1 100
															8.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: PHX PHOENIX, AZ

CLASS 6 / NIGHT

NO. OBS.: 12

STATION NUMBER: 23183

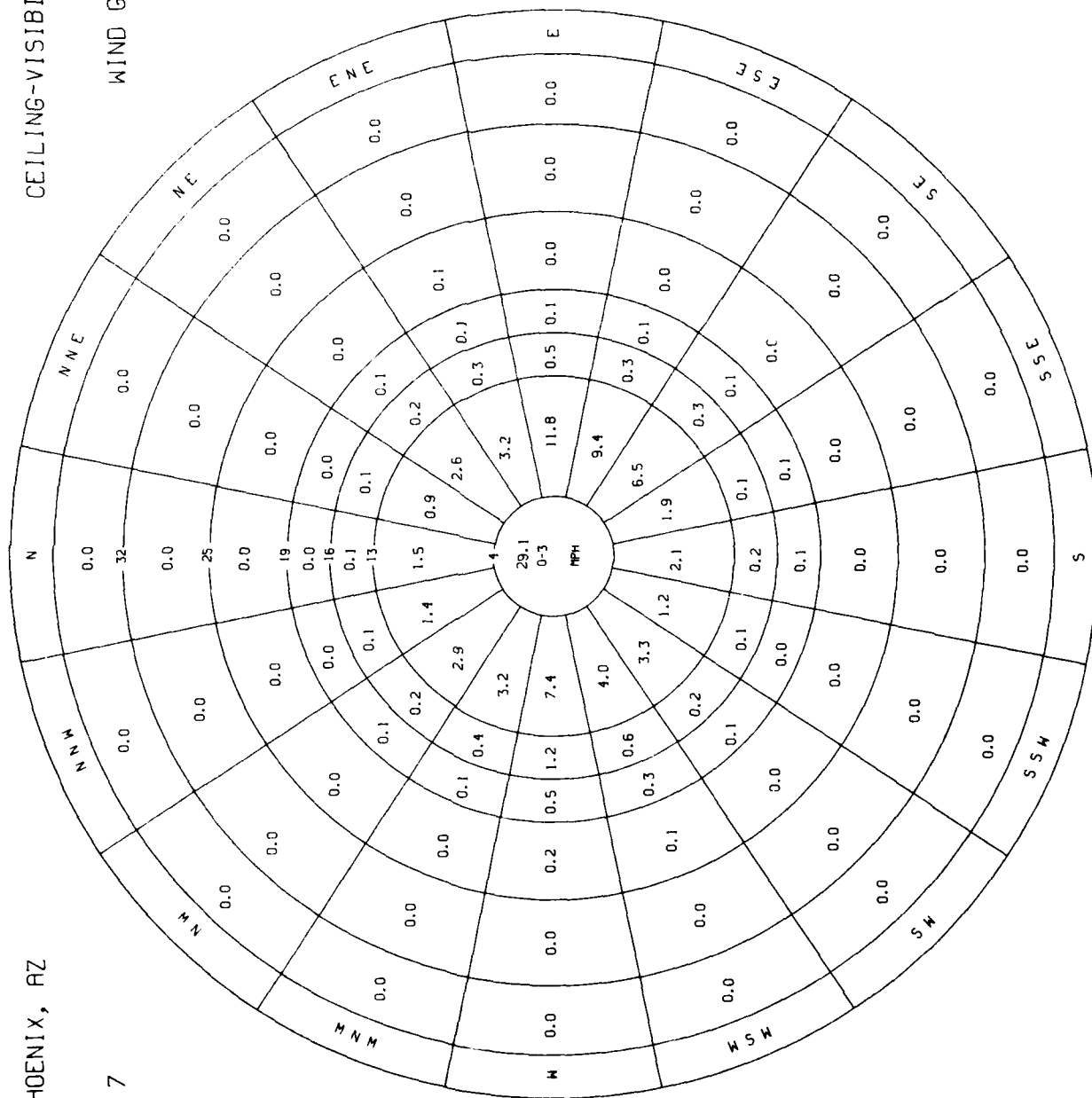
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ENE	.0	8.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	3.0	
E	.0	.0	.0	16.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.7	6.0	
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	.0	8.3	40.0	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	36.0	
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	6.0	
WSW	.0	.0	.0	8.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	23.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	.0	.0	.0	.0	25.0		
CALM	.0	25.0														16.0	
TOTAL	.0	33.3	.0	25.0	.0	.0	.0	.0	.0	8.3	.0	8.3	.0	25.0	.0	100	

PHX PHOENIX, AZ

CLASS 7

CEILING-VISIBILITY

WIND GRAPH

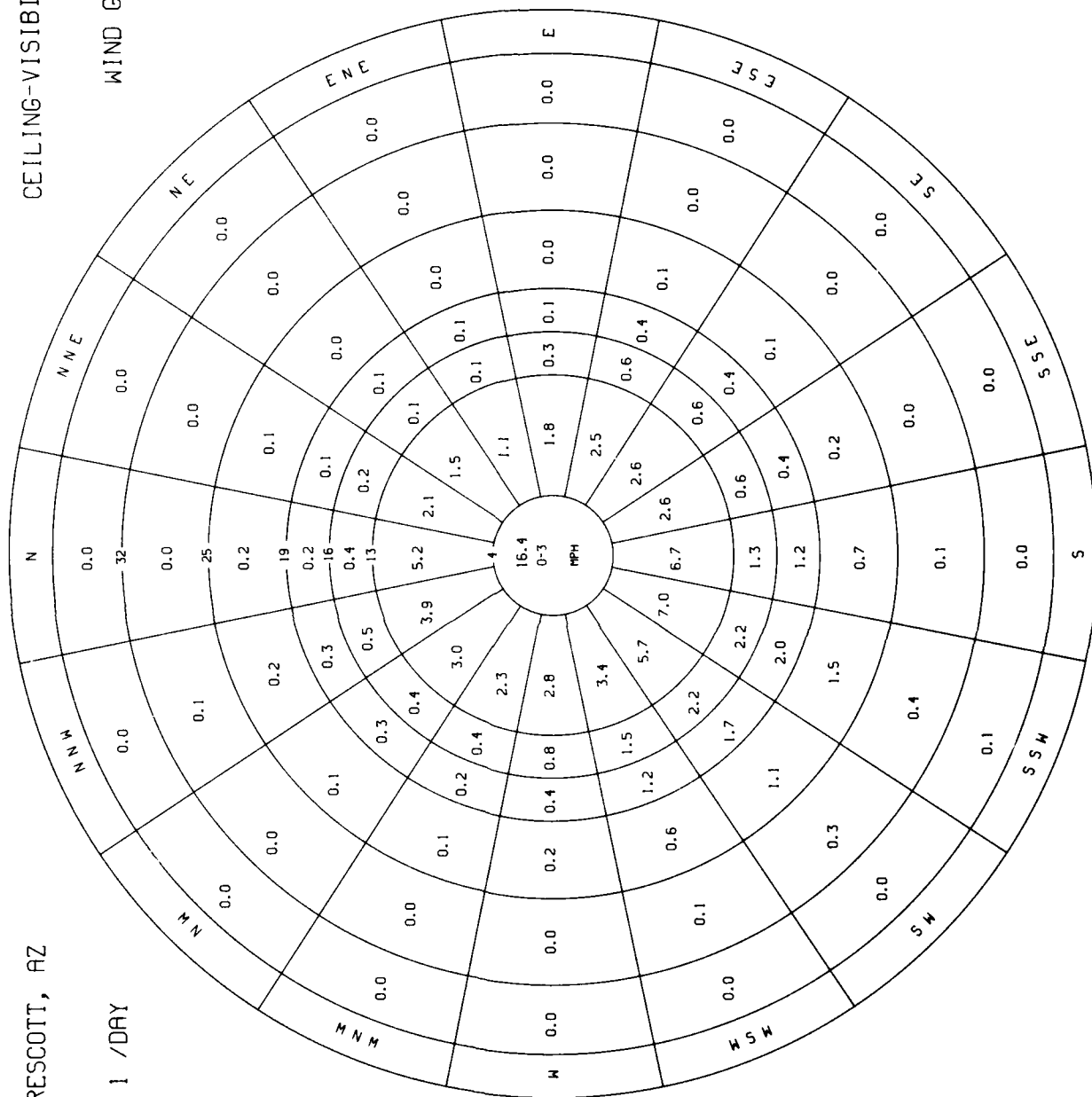


CEILING-VISIBILITY

WIND GRAPH

PRC PRESCOTT, AZ

CLASS 1 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PRC PRESCOTT, AZ

PERIOD: 1948- 78

CLASS 1 / DAY

NO. OBS.: 49228

STATION NUMBER: 23184

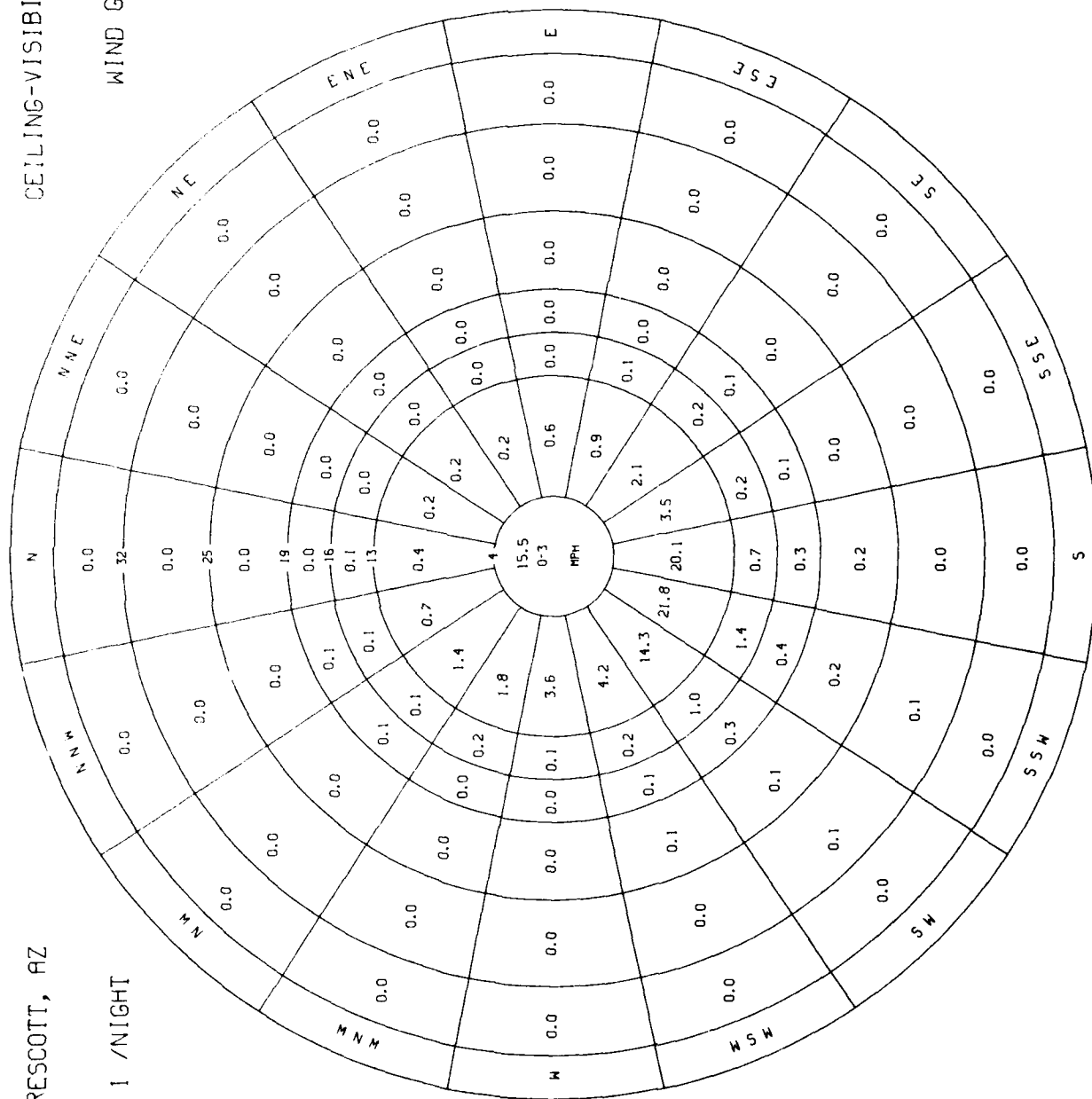
D I R	SPEED GROUPS (MPH)																					AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL							
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D						
N	.9	1.0	5.2	5.3	.4	.4	.2	.3	.2	.2	.0	.0	.0	.0	7.0	7.1	7.6					
NNE	.4	.4	2.1	2.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.9	2.9	7.5					
NNE	.4	.4	1.5	1.5	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.1	2.2	7.1					
ENE	.2	.2	1.1	1.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.6	1.6	7.8					
E	.3	.3	1.8	1.8	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.5	2.5	8.5					
ESE	.2	.2	2.5	2.6	.6	.7	.4	.4	.1	.1	.0	.0	.0	.0	3.9	3.9	10.1					
SE	.4	.4	2.6	2.7	.6	.6	.4	.4	.1	.1	.0	.0	.0	.0	4.2	4.3	9.8					
SSE	.3	.3	2.6	2.6	.6	.6	.4	.4	.2	.2	.0	.0	.0	.0	4.0	4.0	9.8					
S	.6	.6	6.7	6.8	1.3	1.3	1.2	1.2	.7	.7	.1	.1	.0	.0	10.6	10.8	10.5					
SSW	.4	.4	7.0	7.1	2.2	2.2	2.0	2.1	1.5	1.6	.4	.4	.1	.1	13.6	13.8	12.6					
SW	.5	.5	5.7	5.8	2.2	2.2	1.7	1.7	1.1	1.1	.3	.3	.0	.0	11.4	11.6	12.4					
WSW	.2	.2	3.4	3.5	1.5	1.5	1.2	1.2	.6	.6	.1	.1	.0	.0	7.1	7.2	12.5					
W	.4	.4	2.8	2.8	.8	.8	.4	.4	.2	.2	.0	.0	.0	.0	4.7	4.7	10.3					
WNW	.3	.3	2.3	2.3	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	3.3	3.4	9.3					
NW	.5	.5	3.0	3.1	.4	.4	.3	.3	.1	.1	.0	.0	.0	.0	4.3	4.4	8.9					
NNW	.5	.5	3.9	4.0	.5	.5	.3	.3	.2	.2	.1	.1	.0	.0	5.5	5.6	8.9					
CALM	9.8	10.0													9.8	10.0						
TOTAL	16.4	16.7	54.4	55.3	12.0	12.2	9.0	9.2	5.3	5.4	1.1	1.1	.2	.2	98.4	100	9.4					

CEILING-VISIBILITY

WIND GRAPH

PRC PRESCOTT, AZ

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: PRC PRESCOTT, AZ

CLASS 1 / NIGHT

NO. OBS.: 39886

STATION NUMBER: 23184

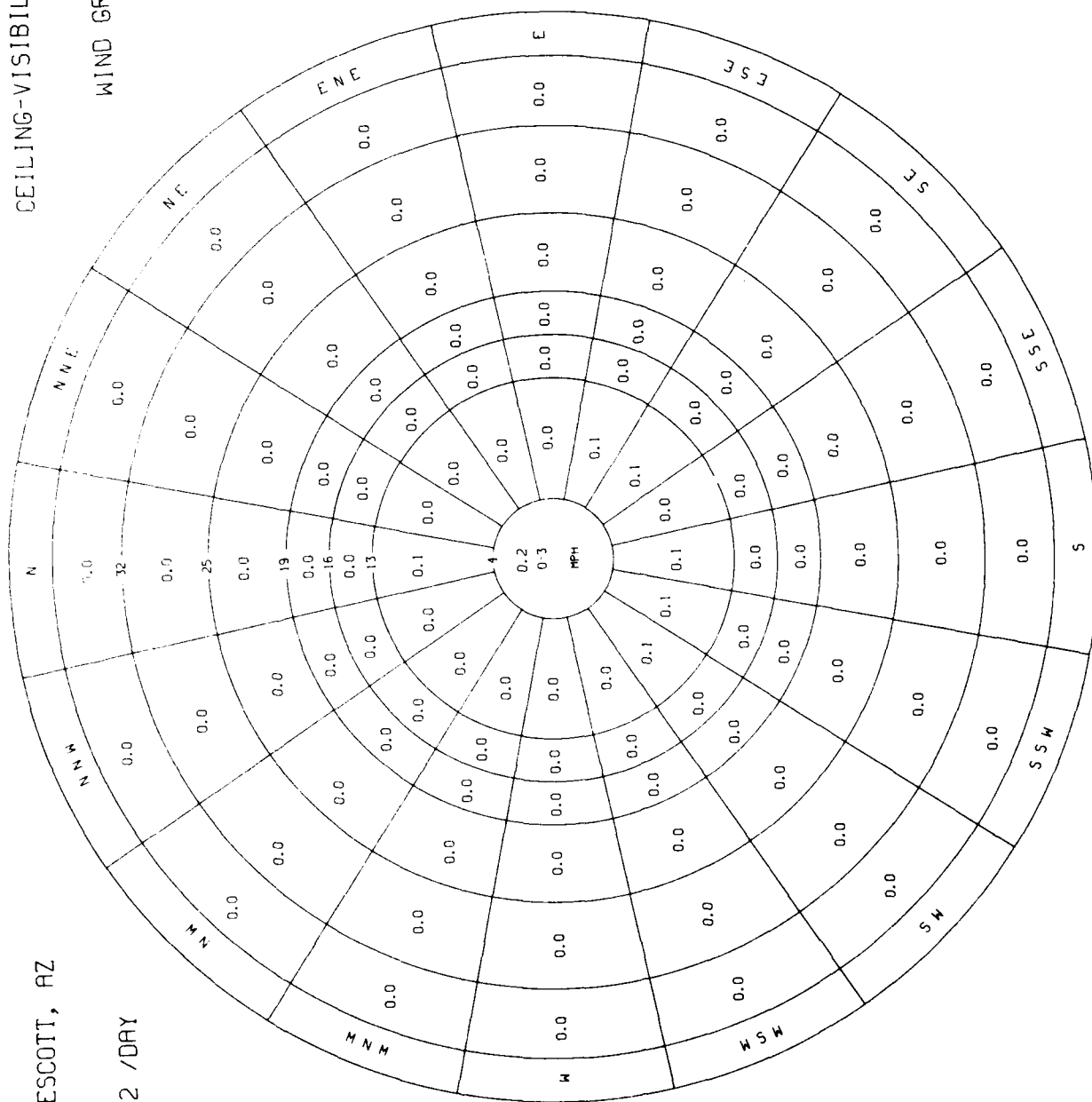
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.1	.1	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.7	9.6
NNE	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	8.2
NE	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	6.9
ENE	.0	.0	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	7.1
E	.1	.1	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.7	7.7
ESE	.1	.1	.9	.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.1	8.1
SE	.2	.2	2.1	2.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.6	2.6	7.8
SSE	.4	.4	3.5	3.6	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	4.2	4.3	7.5
S	.7	.7	20.1	20.5	.7	.8	.3	.3	.2	.2	.0	.0	.0	.0	.0	22.0	22.4	8.1
SSW	.8	.8	21.8	22.1	1.4	1.4	.4	.4	.2	.3	.1	.1	.1	.0	.0	24.6	25.0	8.7
SW	1.2	1.2	14.3	14.6	1.0	1.0	.3	.3	.1	.1	.1	.1	.0	.0	.0	17.0	17.3	8.4
WSW	.6	.6	4.2	4.3	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	5.2	5.3	7.6
W	.5	.5	3.6	3.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	4.4	7.0
WNW	.2	.2	1.8	1.8	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.2	7.8
NW	.2	.2	1.4	1.4	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.7	1.8	8.4
NNW	.1	.1	.7	.7	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	10.2
CALM	10.3	10.4														10.3	10.4	
TOTAL	15.5	15.7	76.0	77.3	4.4	4.4	1.5	1.5	.8	.8	.2	.2	.0	.0	.0	98.4	100	7.4

CEILING-VISIBILITY

WIND GRAPH

PRC PRESCOTT, AZ

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PRC PRESCOTT, AZ

PERIOD: 1948-1978

CLASS 2 / DAY

STATION NUMBER: 23184

NO. OBS.: 795

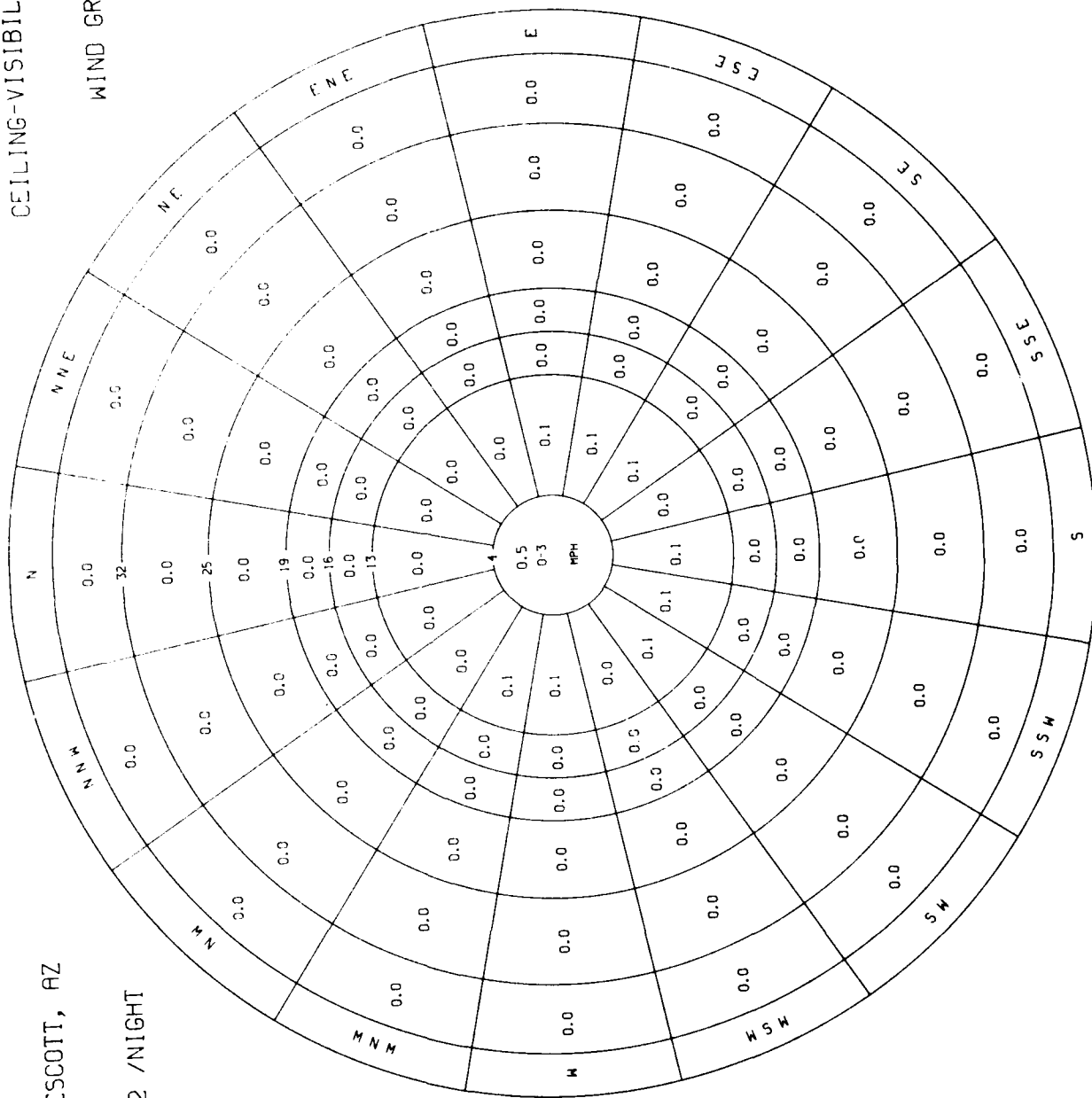
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.3	.1	3.3	.0	.4	.0	.1	.0	.0	.0	.1	.0	.0	.1 4.2
NNE	.0	.4	.0	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
NE	.0	.5	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
ENE	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .4
E	.0	.1	.0	1.8	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0 2.0
ESE	.0	.0	.1	7.2	.0	.9	.0	.8	.0	.0	.0	.0	.0	.0	.1 8.8
SE	.0	.3	.1	6.2	.0	1.1	.0	.8	.0	.3	.0	.0	.0	.0	.1 8.6
SSE	.0	.4	.0	2.8	.0	1.0	.0	.8	.0	.3	.0	.0	.0	.1	.1 5.3
S	.0	.3	.1	6.7	.0	2.0	.0	1.1	.0	1.4	.0	.0	.0	.0	.2 11.4
SSW	.0	.4	.1	6.0	.0	2.0	.0	2.9	.0	1.8	.0	.5	.0	.1	.2 13.7
SW	.0	.1	.1	3.8	.0	3.0	.0	1.5	.0	2.1	.0	.8	.0	.1	.2 11.4
WSW	.0	.1	.0	2.9	.0	1.8	.0	.8	.0	1.1	.0	.8	.0	.0	.1 7.4
W	.0	.3	.0	2.9	.0	.9	.0	.4	.0	.3	.0	.0	.0	.0	.1 4.7
WNW	.0	.5	.0	1.9	.0	.6	.0	.8	.0	.0	.0	.0	.0	.0	.1 3.8
NW	.0	.6	.0	3.1	.0	.3	.0	.1	.0	.4	.0	.1	.0	.0	.1 4.7
NNW	.0	.6	.0	2.3	.0	.3	.0	.3	.0	.1	.0	.0	.0	.0	.1 3.5
CALM	.1	7.9													.1 7.9
TOTAL	.2	12.8	.8	52.1	.2	14.5	.2	10.3	.1	7.7	.0	2.3	.0	.4	1.6 10.6

CEILING-VISIBILITY

WIND GRAPH

PRC PRESCOTT, AZ

CLASS 2 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PRC PRESCOTT, AZ

PERIOD: 1948-1978

CLASS 2 / NIGHT

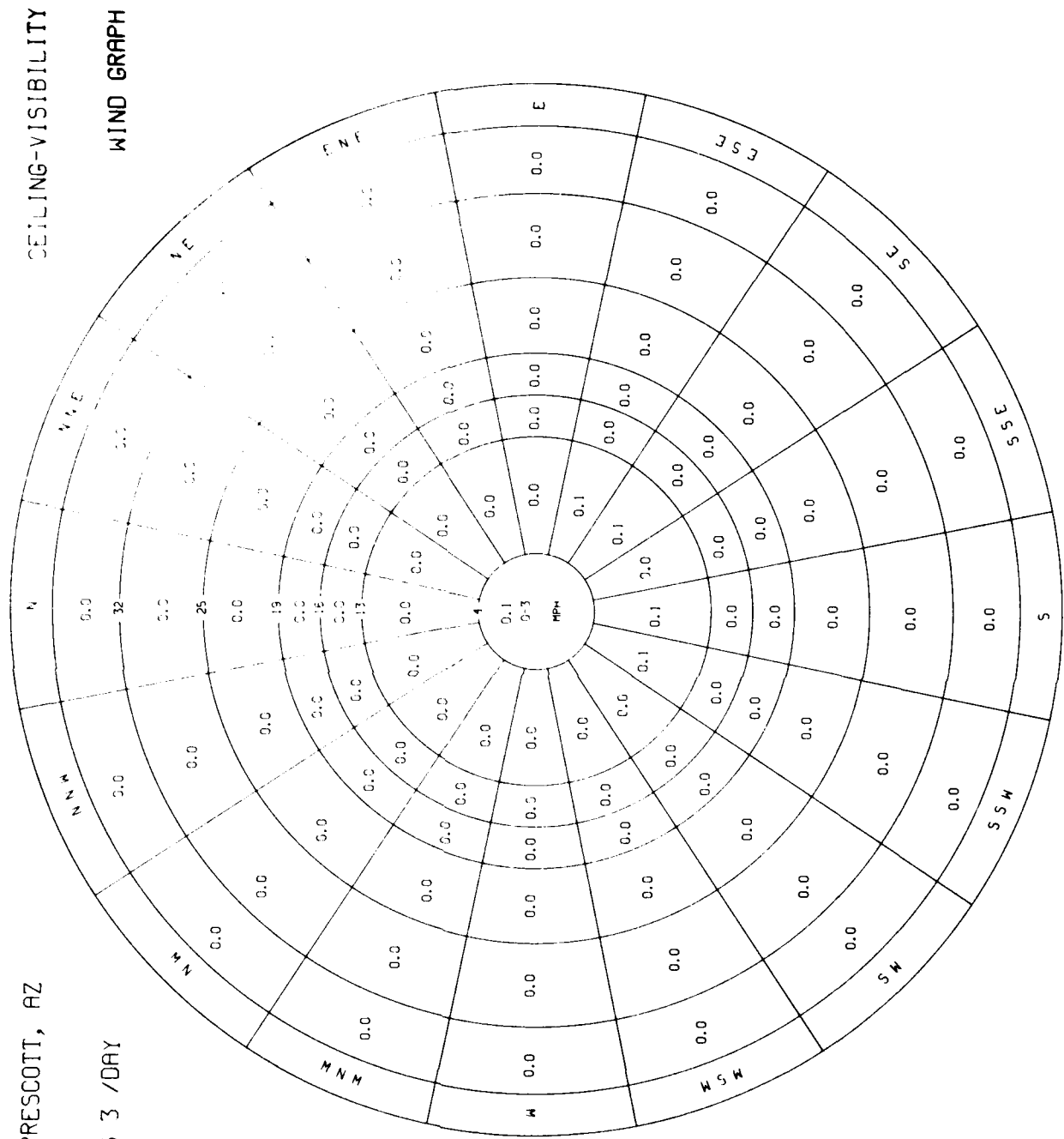
STATION NUMBER: 23184

NO. OBS.: 655

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.0	.0	1.7	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	2.3	9.7
NNE	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.5
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.0
E	.0	.2	.1	3.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.7	7.0
ESE	.0	.5	.1	4.3	.0	.5	.0	.0	.0	.0	.0	.2	.0	.0	.1	5.3	7.7
SE	.0	1.4	.1	5.8	.0	.8	.0	.2	.0	.2	.0	.0	.0	.0	.1	8.2	7.8
SSE	.0	.6	.0	2.9	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.1	4.4	8.2
S	.0	.8	.1	7.3	.0	2.0	.0	2.0	.0	.6	.0	.5	.0	.0	.2	13.1	11.0
SSW	.0	.3	.1	5.5	.0	1.5	.0	1.2	.0	1.4	.0	.3	.0	.0	.2	10.2	12.6
SW	.0	1.5	.1	5.6	.0	.9	.0	1.2	.0	.6	.0	.3	.0	.0	.2	10.2	10.7
WSW	.0	.0	.0	2.4	.0	.8	.0	.3	.0	.6	.0	.3	.0	.0	.1	4.4	12.3
W	.0	1.2	.1	4.0	.0	.8	.0	.2	.0	.0	.0	.3	.0	.0	.1	6.4	8.1
WNW	.0	.9	.1	3.5	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.1	5.3	7.8
NW	.0	.5	.0	2.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	2.7	8.1
NNW	.0	.5	.0	1.8	.0	.3	.0	.0	.0	.2	.0	.0	.0	.0	.0	2.7	8.3
CALM	.3	19.8													.3	19.8	
TOTAL	.5	28.1	.8	51.1	.1	9.0	.1	6.4	.1	3.5	.0	1.8	.0	.0	1.6	100	7.7

PRC PRESCOTT, AZ

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: PRC PRESCOTT, AZ

CLASS 3 / DAY

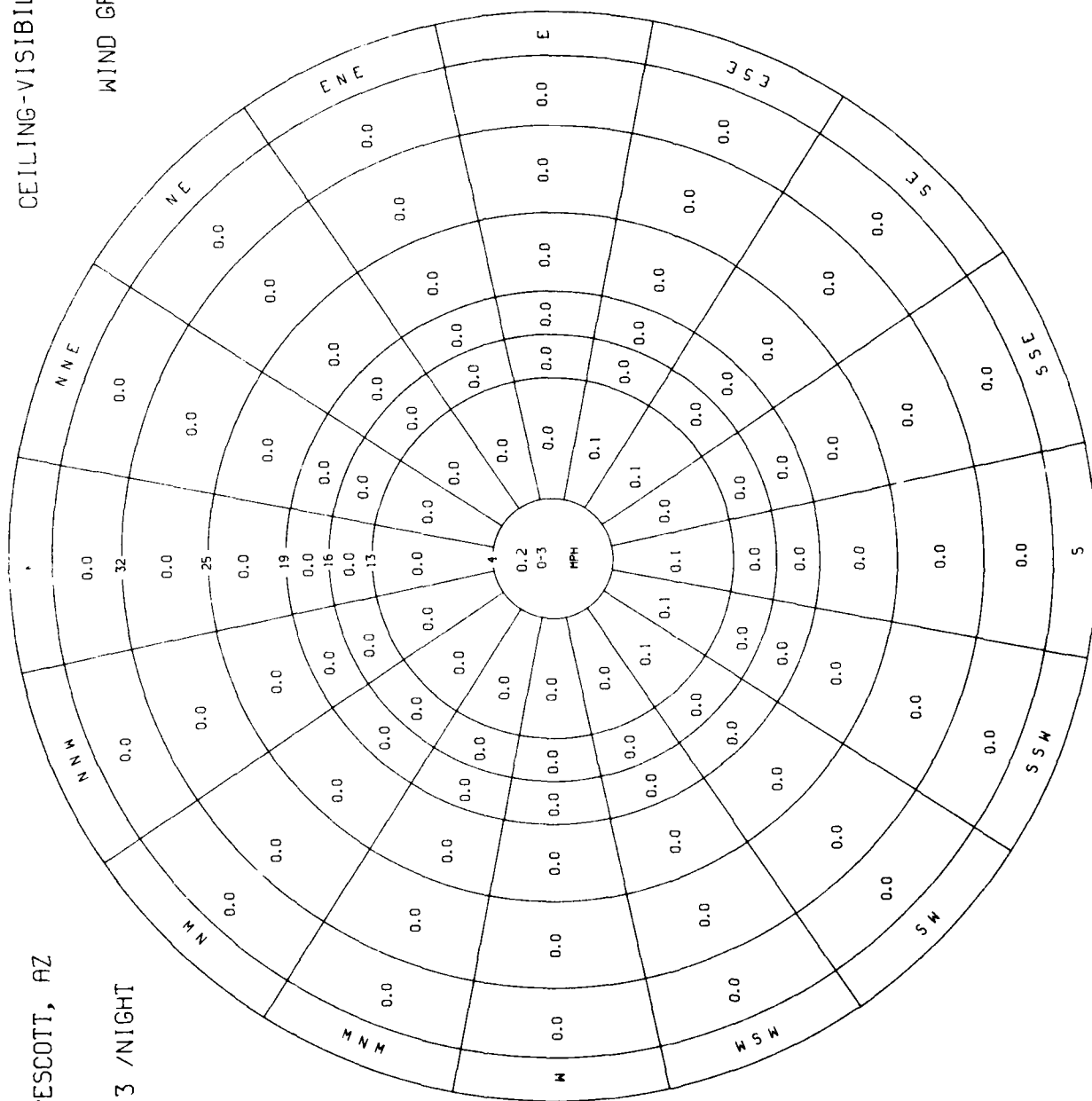
NO. OBS.: 604

STATION NUMBER: 23184

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C	D	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.2	.0	3.3	.0	.3	.0	.2	.0	.0	.0	.2	.0	.0	.0	4.1	8.3
NNE	.0	.5	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.7
NE	.0	.3	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	8.5
ENE	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.0
E	.0	.0	.0	1.5	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.7	8.2
ESE	.0	.0	.1	7.6	.0	1.2	.0	.8	.0	.0	.0	.0	.0	.0	.1	9.6	10.0
SE	.0	.0	.1	7.0	.0	1.3	.0	.8	.0	.2	.0	.0	.0	.0	.1	9.3	10.5
SSE	.0	.5	.0	3.0	.0	1.3	.0	.8	.0	.3	.0	.0	.0	.0	.2	13.1	11.6
S	.0	.3	.1	7.0	.0	2.6	.0	1.3	.0	1.8	.0	.0	.0	.0	.2	13.1	12.6
SSW	.0	.2	.1	6.1	.0	2.5	.0	3.3	.0	2.3	.0	.7	.0	.0	.2	15.1	14.0
SW	.0	.0	.0	3.1	.0	3.1	.0	1.8	.0	2.0	.0	.5	.0	.2	.1	10.8	15.7
WSW	.0	.2	.0	2.6	.0	1.5	.0	.8	.0	1.0	.0	.8	.0	.0	.1	7.0	14.1
W	.0	.2	.0	2.5	.0	.8	.0	.2	.0	.3	.0	.0	.0	.0	.0	4.0	11.2
WNW	.0	.5	.0	2.3	.0	.5	.0	.8	.0	.0	.0	.0	.0	.0	.0	4.1	9.2
NW	.0	.3	.0	2.6	.0	.0	.0	.2	.0	.3	.0	.0	.0	.0	.0	3.5	9.2
NNW	.0	.5	.0	2.2	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	3.1	8.5
CALM	.1	6.1													.1	6.1	
TOTAL	.1	9.9	.6	52.0	.2	15.9	.1	11.4	.1	8.3	.0	2.2	.0	.3	1.2	10.0	11.1

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PRC PRESCOTT, AZ

PERIOD: 1948-1978

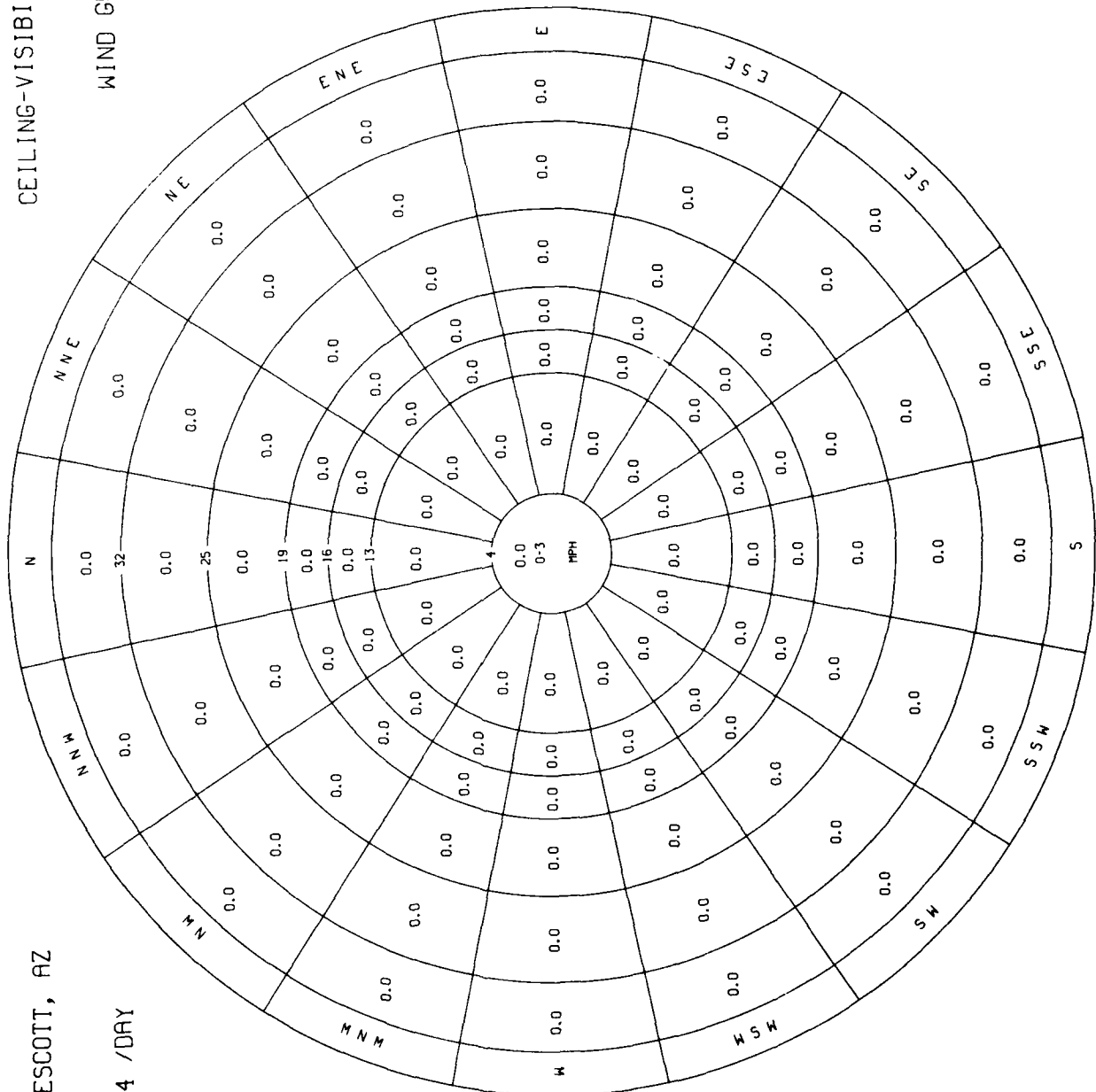
CLASS 3 / NIGHT

STATION NUMBER: 23184

NO. OBS.: 466

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
N	.0	.0	.0	1.3	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	1.9	10.7	
NNE	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.5	
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ENE	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.3	
E	.0	.2	.0	3.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.9	7.2	
ESE	.0	.6	.1	5.6	.0	.4	.0	.0	.0	.0	.2	.0	.0	.1	6.9	7.6	
SE	.0	.9	.1	6.4	.0	.2	.0	.0	.0	.2	.0	.0	.0	.1	7.7	7.7	
SSE	.0	.9	.0	3.9	.0	.6	.0	.4	.0	.0	.0	.0	.0	.1	5.8	8.1	
S	.0	.9	.1	8.8	.0	2.8	.0	2.8	.0	.9	.0	.6	.0	.2	16.7	11.4	
SSW	.0	.4	.1	6.2	.0	1.7	.0	1.5	.0	1.7	.0	.4	.0	.0	12.0	12.8	
SW	.0	1.1	.1	6.7	.0	.6	.0	1.5	.0	.6	.0	.4	.0	.1	10.9	11.2	
WSW	.0	.0	.0	2.6	.0	.9	.0	.4	.0	.4	.0	.0	.0	.0	4.3	11.1	
W	.0	.9	.0	3.4	.0	.9	.0	.2	.0	.0	.0	.2	.0	.0	5.6	8.2	
WNW	.0	.0	.0	2.8	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	4.1	9.7	
NW	.0	.4	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	7.6	
NNW	.0	.4	.0	1.3	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	2.1	8.6	
CALM	.2	14.6												.2	14.6		
TOTAL	.2	21.2	.6	55.4	.1	9.4	.1	7.9	.0	4.1	.0	1.9	.0	1.1	100	8.5	

PRC PRESCOTT, AZ
 CLASS 4 /DAY
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PRC PRESCOTT, AZ

PERIOD: 1948-1978

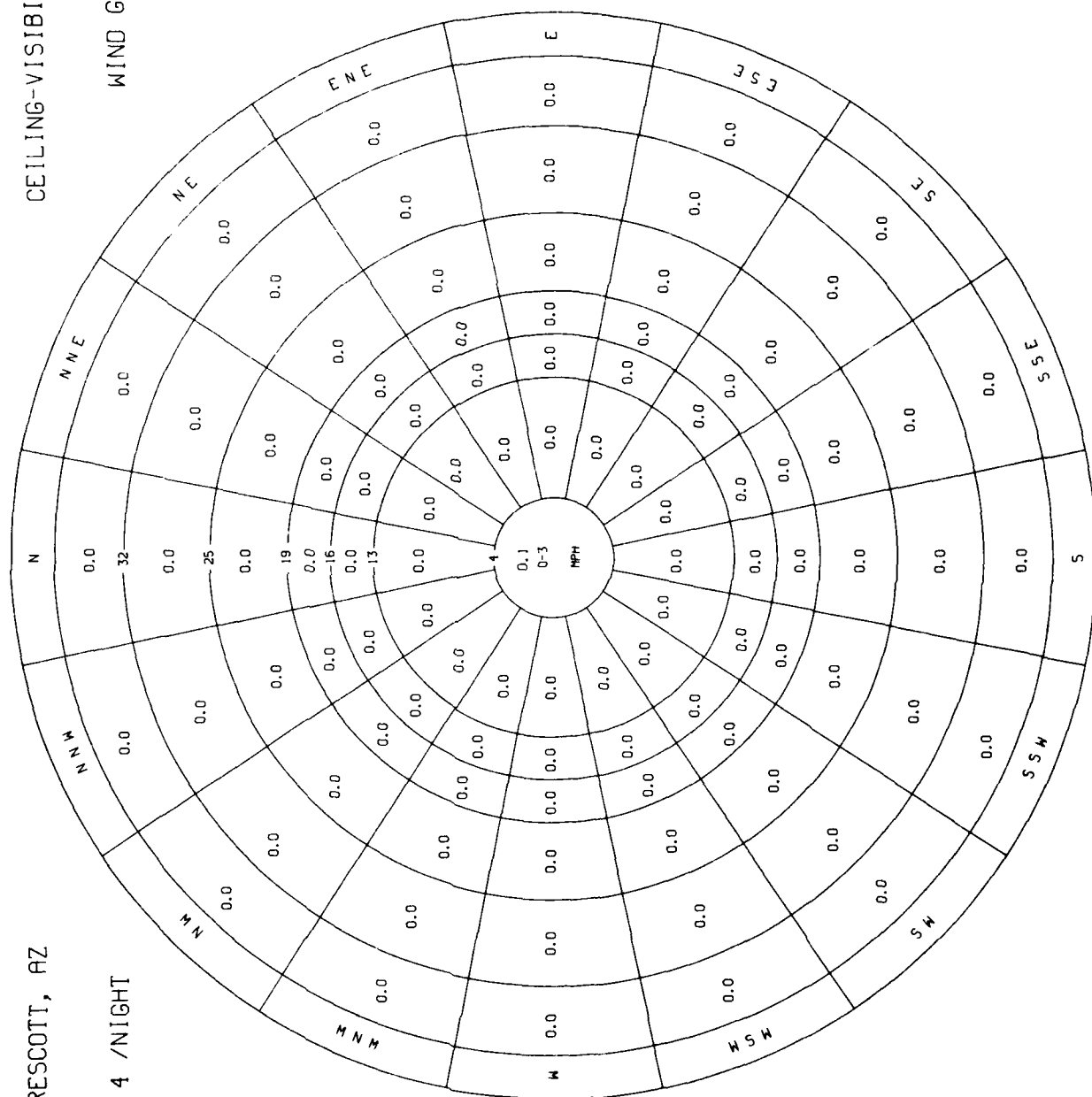
CLASS 4 / DAY

STATION NUMBER: 23184

NO. OBS.: 111

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	3.6	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	4.5
NNE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
NE	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8
ENE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
E	.0	.9	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5
ESE	.0	.0	.0	8.1	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	9.0
SE	.0	.9	.0	2.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	4.5
SSE	.0	.0	.0	2.7	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	3.6
S	.0	.0	.0	8.1	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	9.0
SSW	.0	.9	.0	6.3	.0	.9	.0	1.8	.0	.0	.0	.0	.0	.0	9.0
SW	.0	.9	.0	6.3	.0	3.6	.0	.9	.0	.0	.0	.0	.0	.0	10.8
WSW	.0	.0	.0	4.5	.0	2.7	.0	.9	.0	.0	.0	.9	.0	.0	12.6
W	.0	.9	.0	5.4	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	11.6
WNW	.0	.9	.0	.9	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	8.1
NW	.0	.9	.0	2.7	.0	.9	.0	.0	.0	.9	.0	.9	.0	.0	2.7
NNW	.0	.0	.0	1.8	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	6.3
CALM	.0	9.0													9.0
TOTAL	.0	17.1	.1	58.6	.0	9.9	.0	9.9	.0	1.8	.0	1.8	.0	.9	2.100

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PRC PRESCOTT, AZ

PERIOD: 1948-1978

CLASS 4 / NIGHT

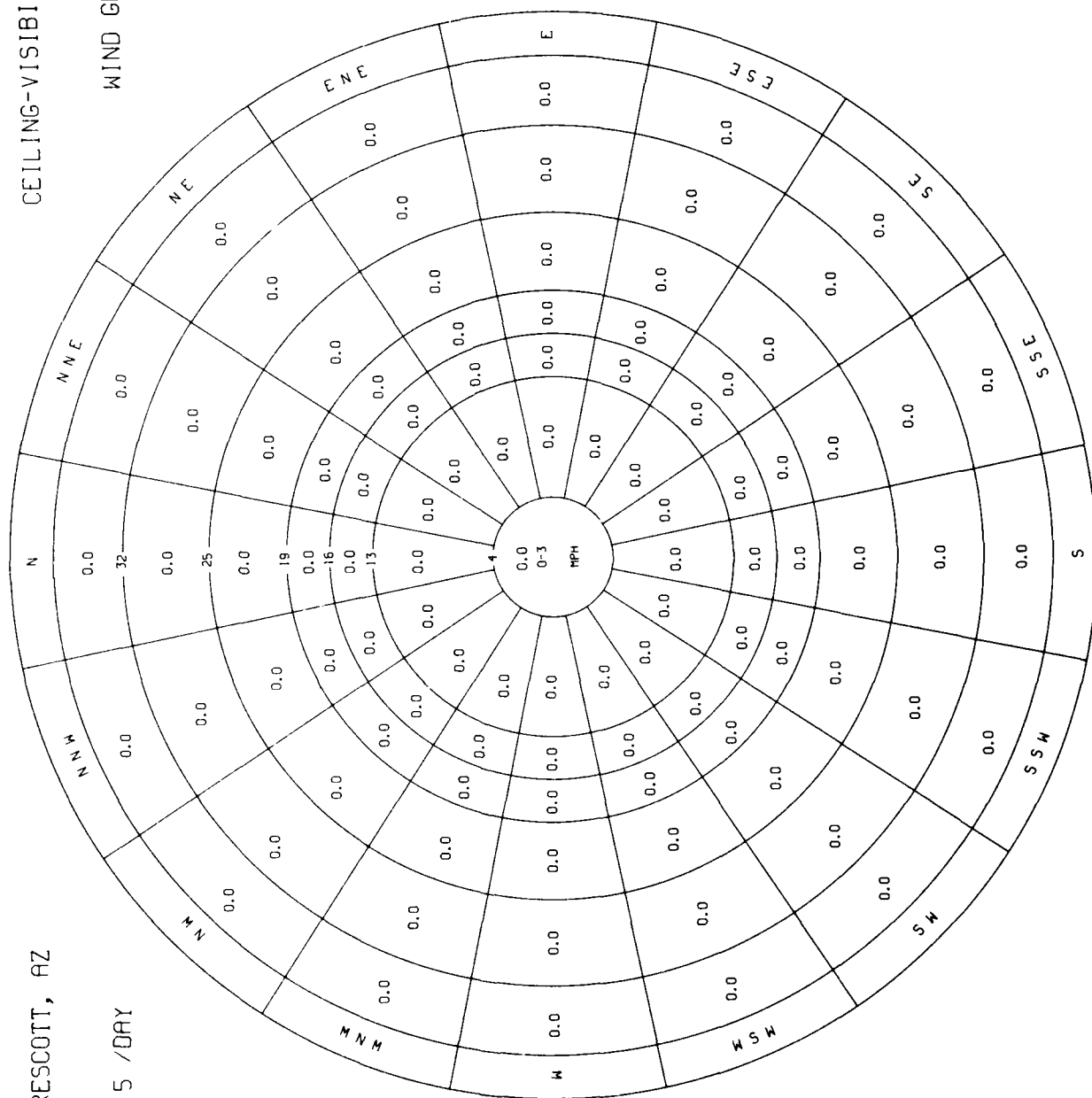
STATION NUMBER: 23184

NO. OBS.: 119

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.0	.0	3.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	8.8
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.0
E	.0	.0	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.2
ESE	.0	.0	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	10.0
SE	.0	3.4	.0	5.0	.0	2.5	.0	.8	.0	.0	.0	.0	.0	.0	.0	11.8	7.9
SSE	.0	.0	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	10.0
S	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.7
SSW	.0	.0	.0	4.2	.0	1.7	.0	.8	.0	.8	.0	.0	.0	.0	.0	7.6	12.6
SW	.0	.8	.0	4.2	.0	2.5	.0	.8	.0	.0	.0	.0	.0	.0	.0	8.4	10.9
WSW	.0	.0	.0	1.7	.0	.8	.0	.0	.0	1.7	.0	1.7	.0	.0	.0	5.9	17.4
W	.0	.8	.0	8.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.1	7.7
WNW	.0	3.4	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.1	5.9
NW	.0	.8	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.7
NNW	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	8.5
CALM	.1	26.9													.1	26.9	
TOTAL	.1	36.1	.1	46.2	.0	10.9	.0	2.5	.0	2.5	.0	1.7	.0	.0	.3	100	6.7

CEILING-VISIBILITY

WIND GRAPH



PRC PRESCOTT, AZ

CLASS 5 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: PRC PRESCOTT, AZ

CLASS 5 / DAY

NO. OBS.: 38

STATION NUMBER: 23184

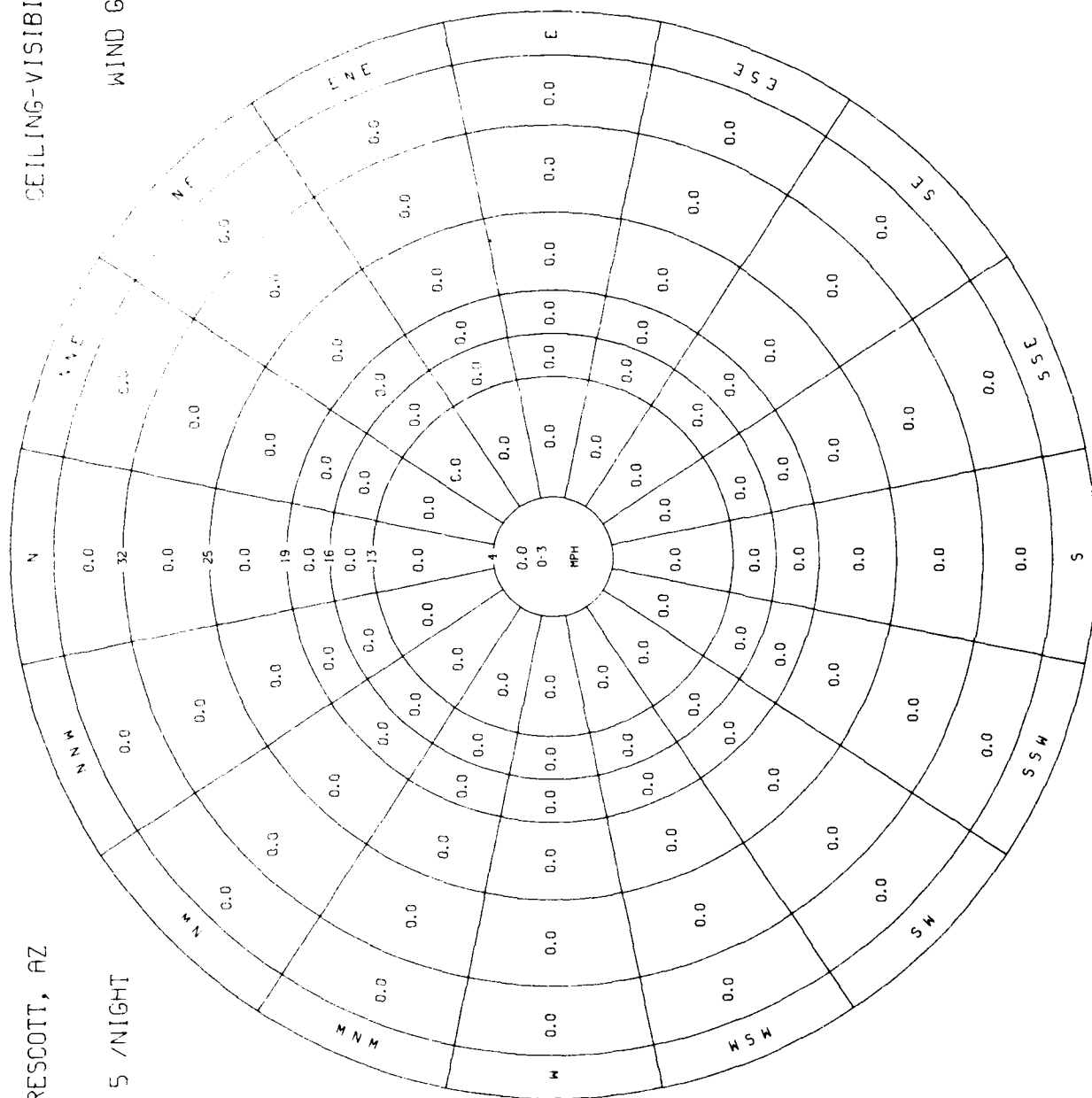
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	3.0	
NNE	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	7.0	
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
E	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	9.0	
ESE	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	7.0	
SE	.0	.0	.0	5.3	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	7.9	11.0	
SSE	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.0	
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSW	.0	2.6	.0	7.9	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	13.2	7.4	
SW	.0	.0	.0	2.6	.0	2.6	.0	.0	.0	7.9	.0	.0	.0	.0	13.2	16.6	
WSW	.0	.0	.0	2.6	.0	5.3	.0	.0	.0	2.6	.0	2.6	.0	.0	13.2	16.8	
W	.0	.0	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	2.6	15.0	
WNW	.0	.0	.0	.0	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	5.3	15.0	
NW	.0	.0	.0	7.9	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	10.5	8.2	
NNW	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	3.0	
CALM	.0	18.4												.0	18.4		
TOTAL	.0	26.3	.0	36.8	.0	18.4	.0	5.3	.0	10.5	.0	2.6	.0	.0	100	9.2	

CEILING-VISIBILITY

WIND GRAPH

PRC PRESCOTT, AZ

CLASS 5 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PRC PRESCOTT, AZ

PERIOD: 1948-1978

CLASS 5 / NIGHT

STATION NUMBER: 23184

NO. OBS.: 31

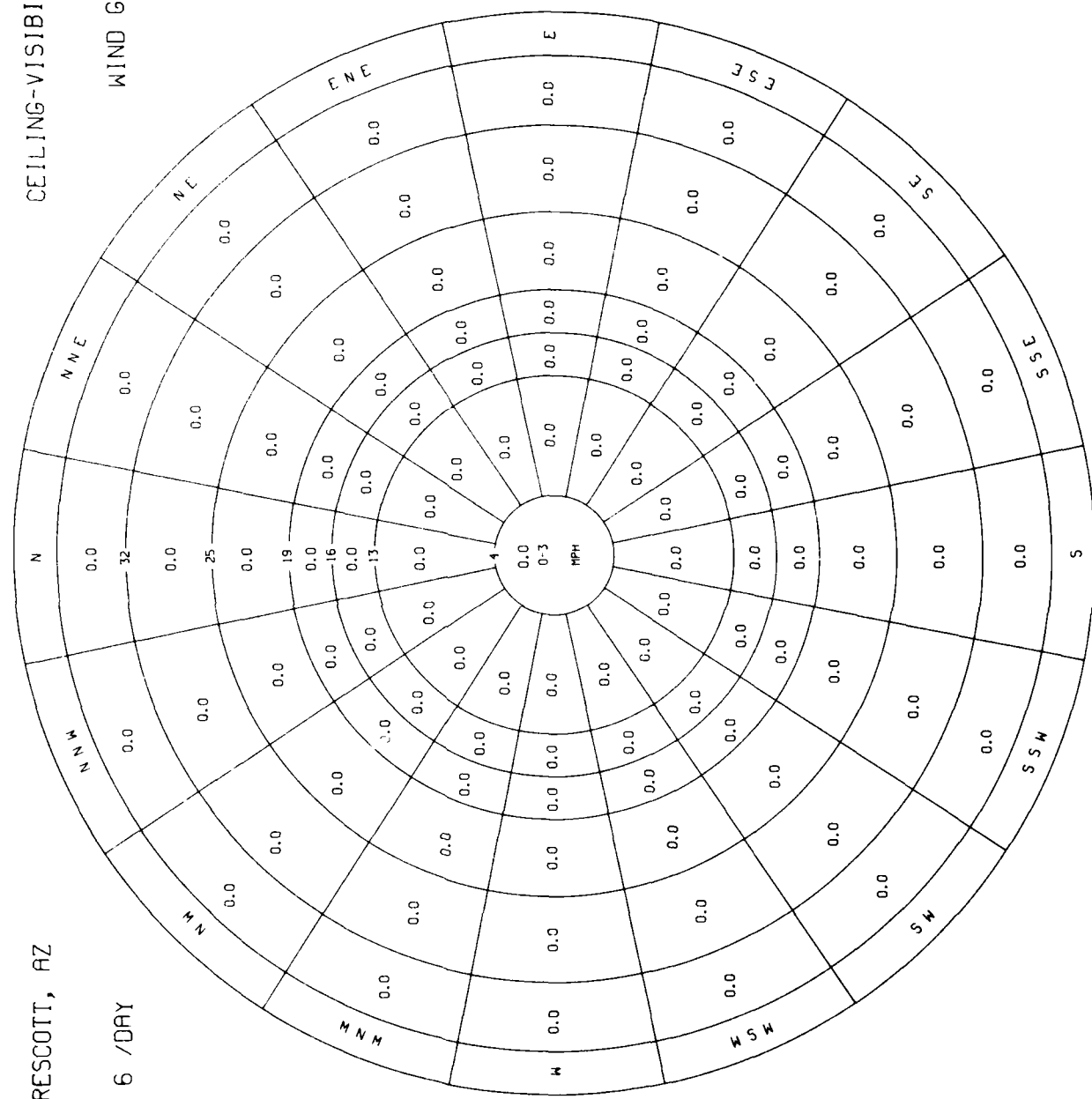
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.0	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	6.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NLE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	3.2	.0	6.5	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.9	8.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	9.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	.0	.0	.0	.0	.0	3.2	20.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	.0	.0	.0	6.5	14.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	6.5	.0	.0	.0	3.2	.0	.0	.0	.0	.0	.0	.0	9.7	9.7
NNW	.0	.0	.0	6.5	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.7	10.7
CALM	.0	51.6													.0	51.6	
TOTAL	.0	58.1	.0	25.8	.0	6.5	.0	3.2	.0	3.2	.0	3.2	.0	.0	.1	100	5.0

CEILING-VISIBILITY

WIND GRAPH

PRC PRESCOTT, AZ

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PRC PRESCOTT, AZ

PERIOD: 1948-1978

CLASS 6 / DAY

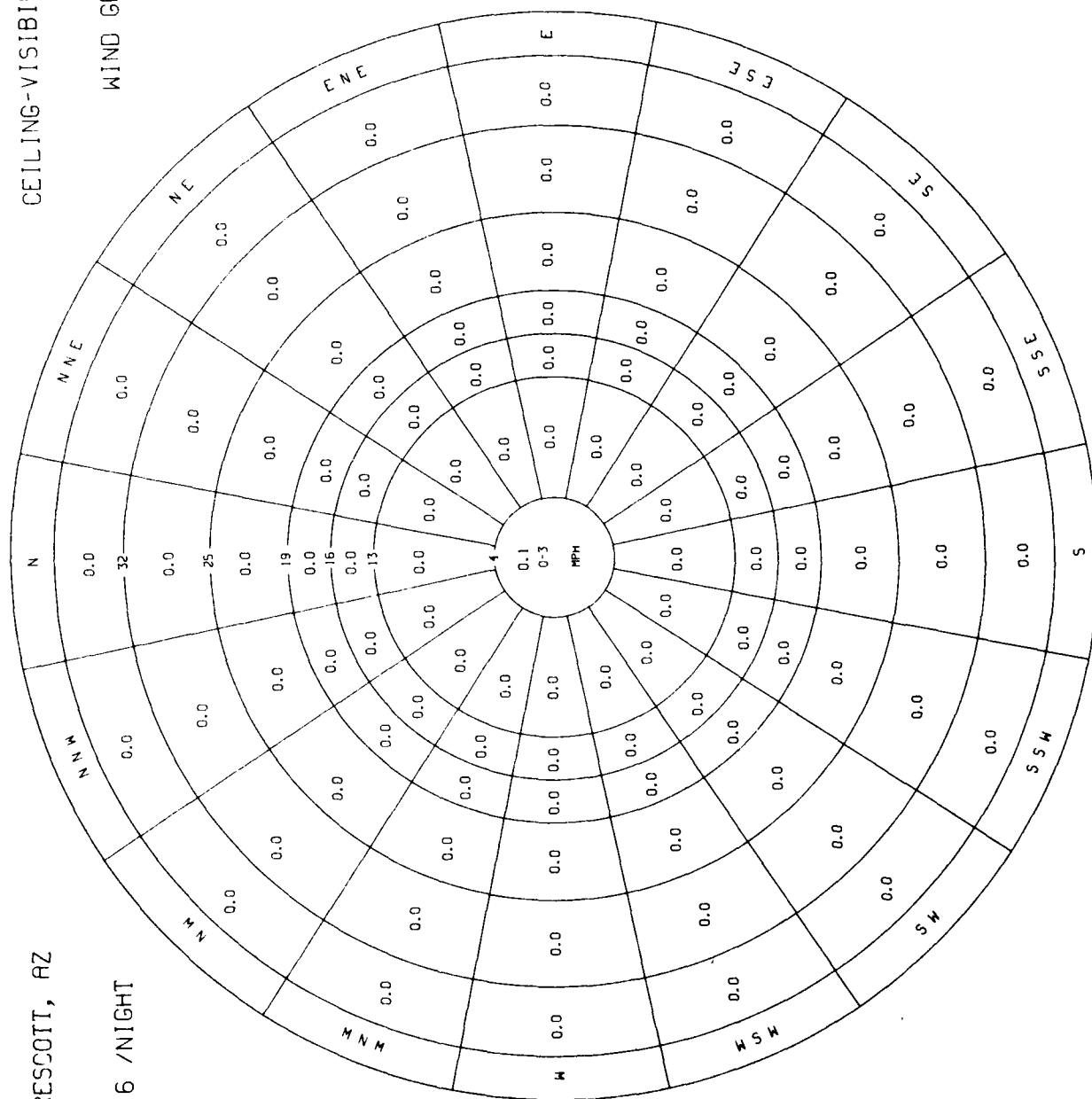
STATION NUMBER: 23184

NO. OBS.: 42

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	5.5
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.0
SE	.0	2.4	.0	4.8	.0	.0	.0	.0	.0	.0	2.4	.0	.0	.0	.0	9.5	9.7
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	6.5
SSW	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	7.0
SW	.0	.0	.0	7.1	.0	.0	.0	.0	.0	.0	4.8	.0	4.8	.0	.0	16.7	17.0
WSW	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	2.4	.0	.0	.0	.0	4.8	14.5
W	.0	.0	.0	4.8	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	9.3
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	4.8	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.9	5.8
NNW	.0	2.4	.0	7.1	.0	.0	.0	.0	.0	.0	2.4	.0	.0	.0	.0	11.9	8.8
CALM	.0	21.4													.0	21.4	
TOTAL	.0	31.0	.0	50.0	.0	2.4	.0	.0	.0	.0	11.9	.0	4.8	.0	.1	100	7.9

PRC PRESCOTT, AZ

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: PRC PRESCOTT, AZ

CLASS 6 / NIGHT

NO. OBS.: 39

STATION NUMBER: 23184

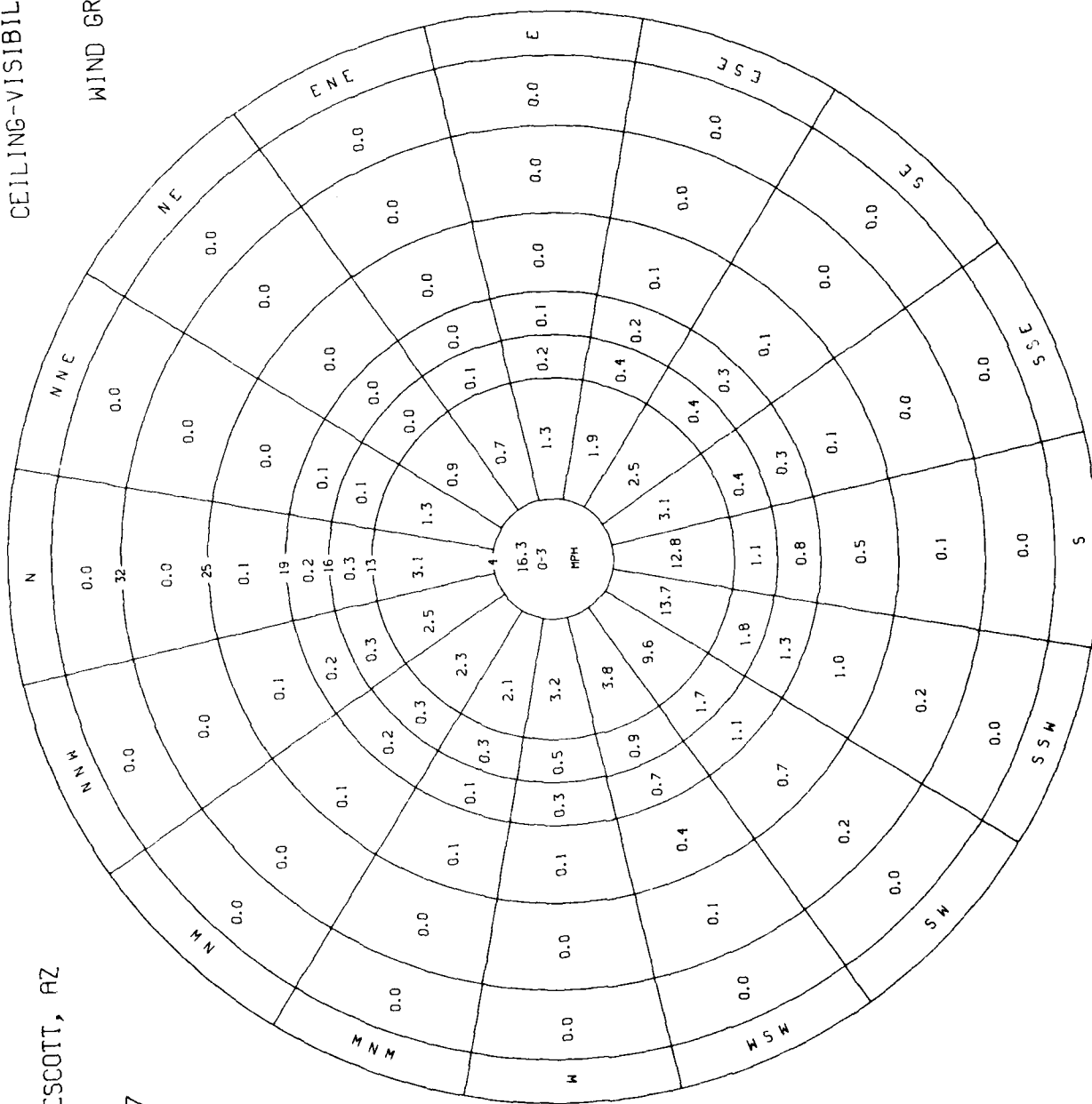
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
TOTAL	.1	.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	

CEILING-VISIBILITY

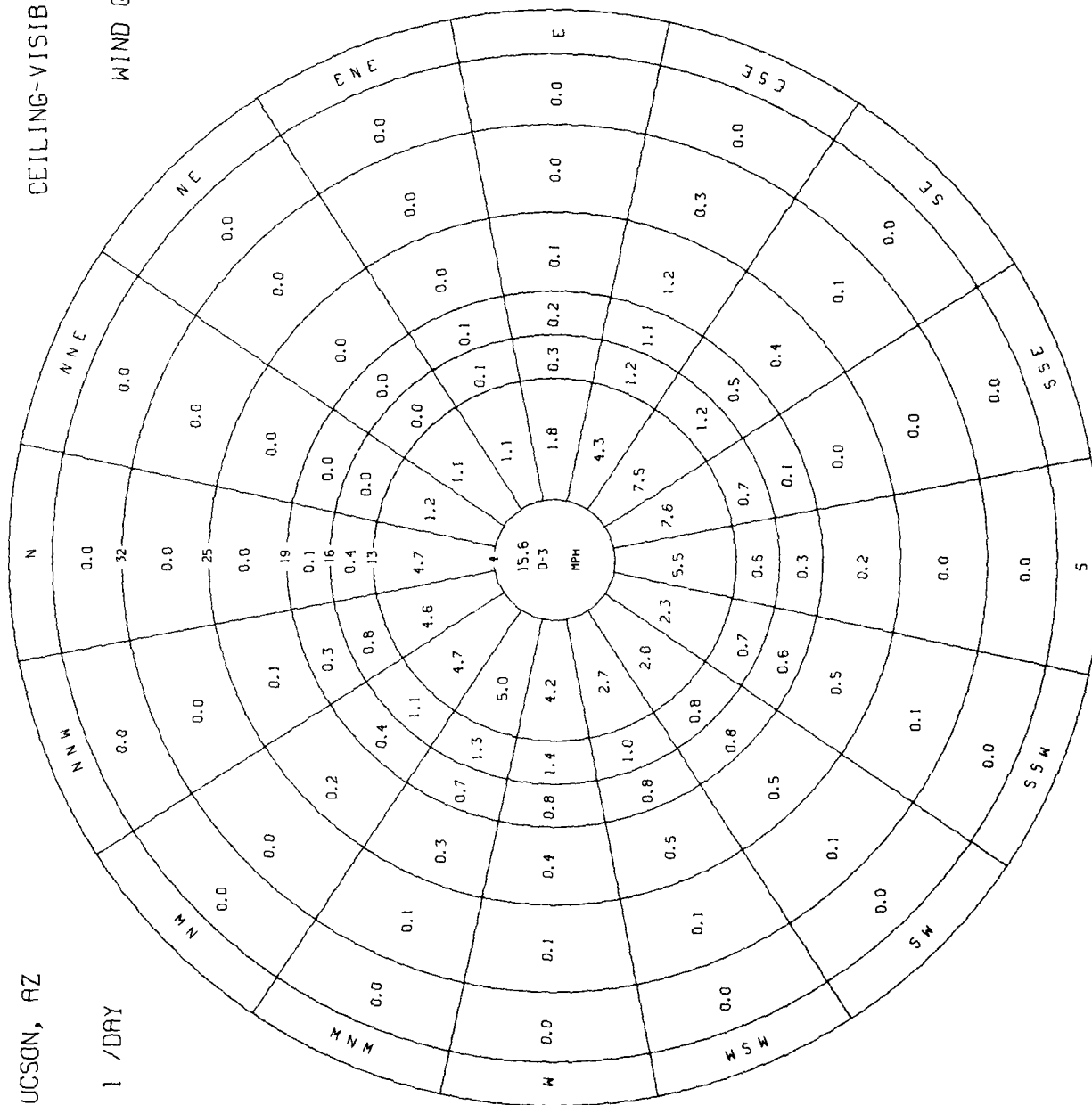
WIND GRAPH

PRC PRESCOTT, AZ

CLASS 7



TUS TUCSON, AZ
 CLASS 1 /DAY
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TUS TUCSON, AZ

PERIOD: 1949-1978

CLASS 1 / DAY

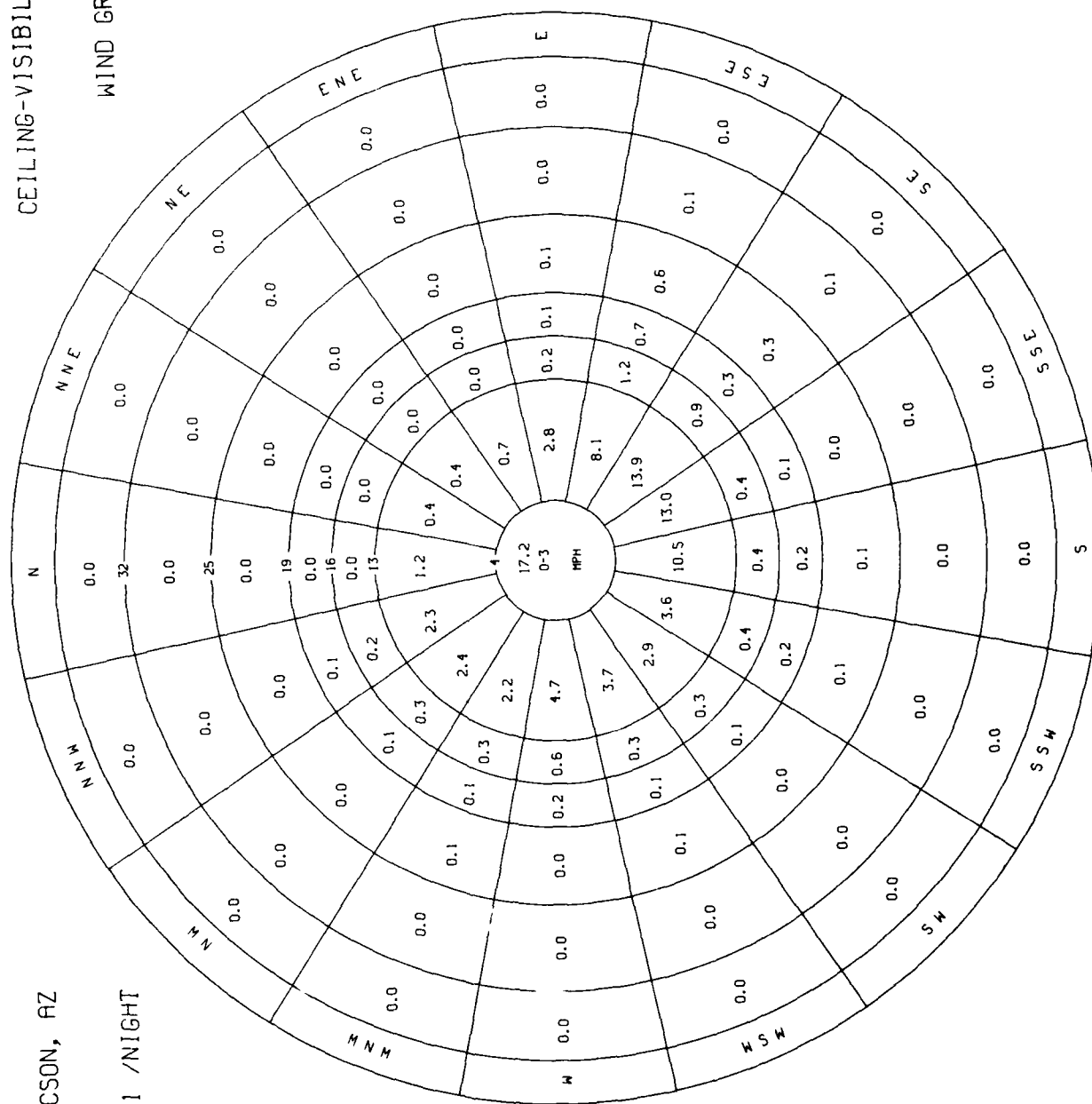
STATION NUMBER: 23160

NO. OBS.: 46452

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	1.0	1.0	4.7	4.7	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	6.2	6.2	7.2
NNE	.5	.5	1.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	1.7	5.9
NE	.6	.6	1.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	1.8	5.7
ENE	.4	.4	1.1	1.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.7	1.7	7.2
E	.5	.5	1.8	1.8	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	3.1	3.1	9.0
ESE	.9	.9	4.3	4.3	1.2	1.2	1.1	1.1	1.2	1.2	.3	.3	.0	.0	9.0	9.0	11.9
SE	1.8	1.8	7.5	7.5	1.2	1.2	.5	.5	.4	.4	.1	.1	.0	.0	11.4	11.5	8.6
SSE	1.2	1.2	7.6	7.7	.7	.7	.1	.1	.0	.0	.0	.0	.0	.0	9.7	9.7	7.8
S	1.3	1.3	5.5	5.5	.6	.6	.3	.3	.2	.2	.0	.0	.0	.0	7.9	7.9	8.1
SSW	.6	.6	2.3	2.3	.7	.7	.6	.6	.5	.5	.1	.1	.0	.0	4.8	4.8	10.9
SW	.7	.7	2.0	2.0	.8	.8	.8	.8	.5	.5	.1	.1	.0	.0	5.1	5.1	11.7
WSW	.6	.6	2.7	2.7	1.0	1.0	.8	.8	.5	.5	.1	.1	.0	.0	5.7	5.7	11.3
W	.7	.7	4.2	4.3	1.4	1.4	.8	.8	.4	.4	.1	.1	.0	.0	7.6	7.7	10.4
WNW	.7	.7	5.0	5.0	1.3	1.3	.7	.7	.3	.3	.1	.1	.0	.0	8.0	8.0	10.0
NW	.8	.8	4.7	4.7	1.1	1.1	.4	.4	.2	.2	.0	.0	.0	.0	7.2	7.2	9.2
NNW	.7	.7	4.6	4.6	.8	.8	.3	.3	.1	.1	.0	.0	.0	.0	6.5	6.5	8.7
CALM	2.4	2.4													2.4	2.4	
TOTAL	15.6	15.6	60.2	60.4	11.6	11.6	6.8	6.8	4.5	4.5	1.0	1.0	.1	.1	99.7	100	9.1

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TUS TUCSON, AZ

PERIOD: 1949-1978

CLASS 1 / NIGHT

STATION NUMBER: 23160

NO. OBS.: 40944

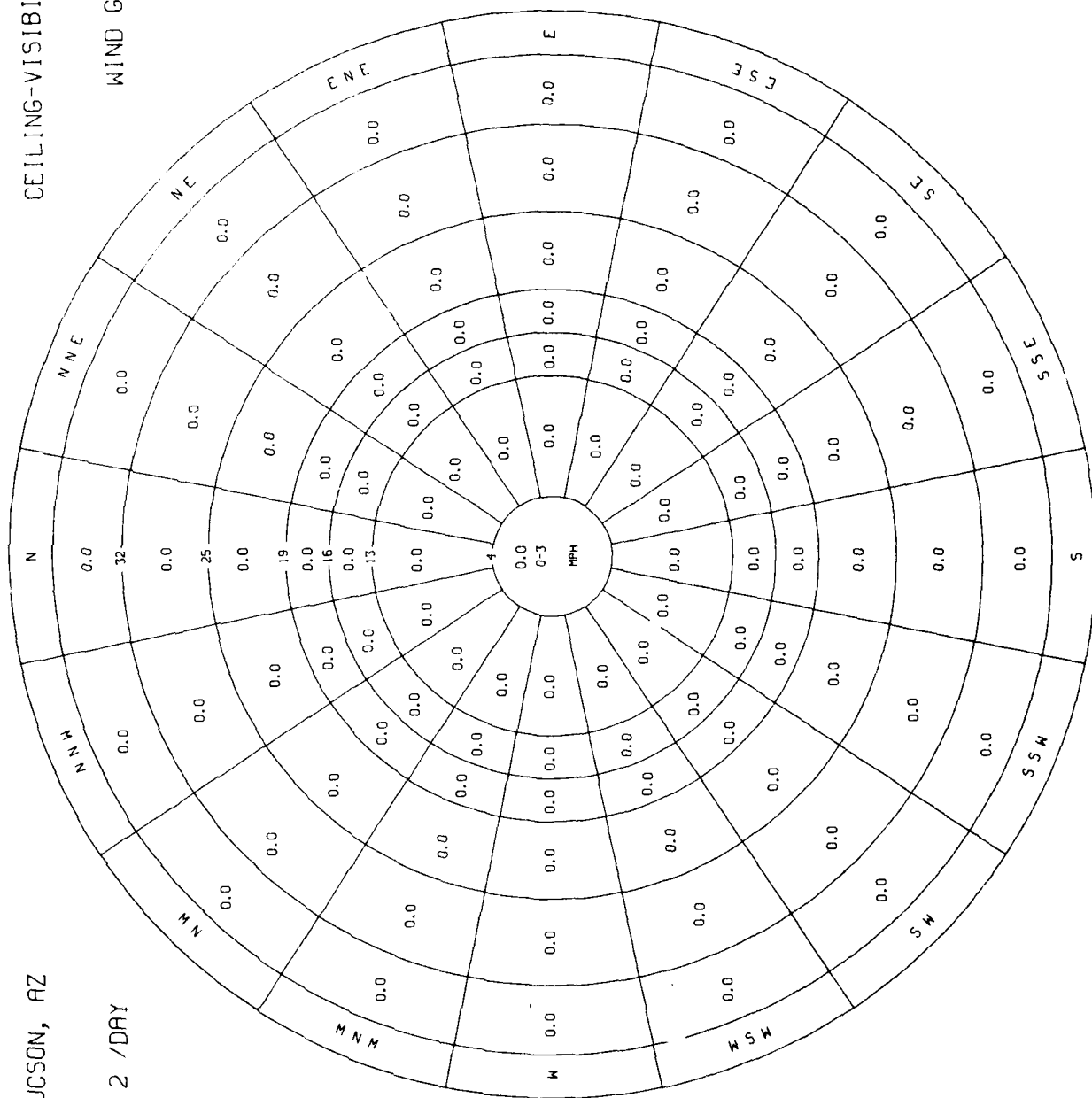
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.5	.5	1.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	1.8	5.7
NNE	.2	.2	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	4.9
NE	.3	.3	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.8	5.4
ENE	.3	.3	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.2	7.1
E	.6	.6	2.8	2.8	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	3.8	3.8	7.9
ESE	1.0	1.0	8.1	8.1	1.2	1.2	.7	.7	.6	.6	.1	.1	.0	.0	11.9	11.9	9.7
SE	3.0	3.0	13.9	13.9	.9	.9	.3	.3	.3	.3	.1	.1	.0	.0	18.3	18.4	7.6
SSE	2.4	2.4	13.0	13.0	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	15.9	15.9	6.9
S	1.9	1.9	10.5	10.5	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	13.0	13.0	6.9
SSW	.7	.7	3.6	3.7	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	5.1	5.1	7.9
SW	.8	.8	2.9	2.9	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.2	4.2	7.3
WSW	.7	.7	3.7	3.7	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	4.9	4.9	7.3
W	.8	.8	4.7	4.7	.6	.6	.2	.2	.0	.0	.0	.0	.0	.0	6.3	6.3	8.0
WNW	.4	.4	2.2	2.2	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	3.1	3.1	8.3
NW	.4	.4	2.4	2.4	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.2	3.2	8.0
NNW	.4	.4	2.3	2.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.9	2.9	7.9
CALM	2.8	2.8													2.8	2.8	
TOTAL	17.2	17.3	72.8	73.0	5.5	5.5	2.4	2.4	1.5	1.5	.3	.3	.0	.0	99.7	100	7.4

CEILING-VISIBILITY

WIND GRAPH

TUS TUCSON, AZ

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TUS TUCSON, AZ

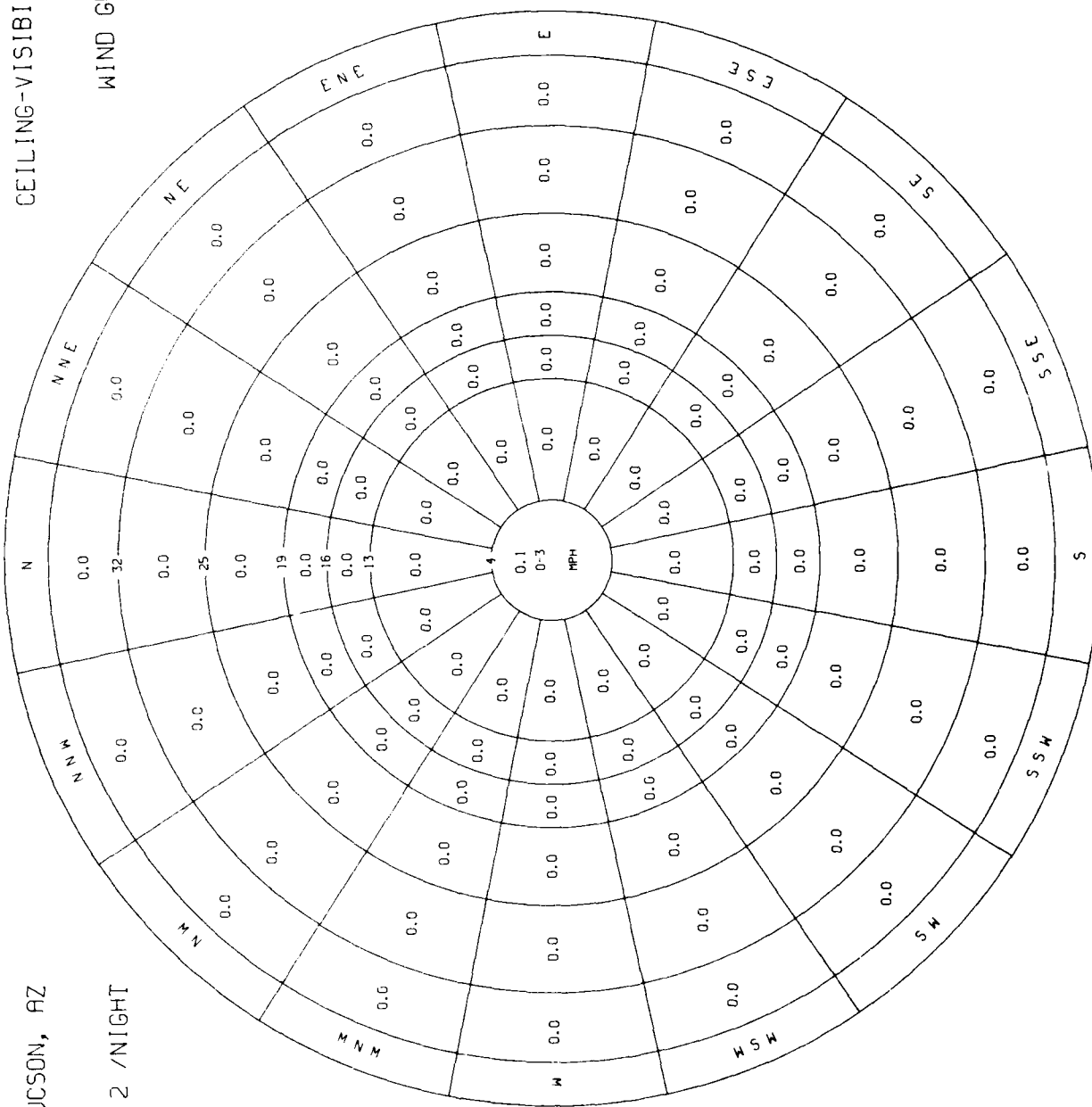
CLASS 2 / DAY

NO. OBS.: 134

STATION NUMBER: 23160

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.5	.0	4.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	6.7
NNE	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	2.2
NE	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.7	.0	.0	3.7
ENE	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5
E	.0	1.5	.0	3.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	5.2
ESE	.0	.0	.0	1.5	.0	.0	.0	.7	.0	.0	.0	1.5	.0	.0	3.7
SE	.0	.7	.0	5.2	.0	.0	.0	.0	.0	.7	.0	.0	.0	.7	7.5
SSE	.0	.7	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.5
S	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
SSW	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	3.7
SW	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
WSW	.0	.0	.0	6.7	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	8.2
W	.0	1.5	.0	4.5	.0	1.5	.0	.7	.0	.7	.0	.7	.0	.0	9.7
WNW	.0	.0	.0	8.2	.0	.0	.0	1.5	.0	1.5	.0	.7	.0	.0	11.9
NW	.0	1.5	.0	9.0	.0	2.2	.0	1.5	.0	.7	.0	.0	.0	.0	14.9
NNW	.0	.0	.0	4.5	.0	1.5	.0	.7	.0	.0	.0	.0	.0	.0	6.7
CALM	.0	3.7													3.7
TOTAL	.0	12.7	.2	63.4	.0	7.5	.0	6.0	.0	4.5	.0	3.7	.0	2.2	9.8

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TUS TUCSON, AZ

PERIOD: 1949-1978

CLASS 2 / NIGHT

STATION NUMBER: 23160

NO. OBS.: 119

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
N	.0	.8	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	7.1
NNE	.0	.8	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	8.5
NE	.0	1.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	4.2
ENE	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	3.4	14.2
E	.0	1.7	.0	1.7	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	7.0
ESE	.0	.8	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.8	.0	.0	3.4	15.0
SE	.0	.8	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.7
SSE	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	7.0
S	.0	1.7	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	5.0
SSW	.0	.0	.0	1.7	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	2.5	9.7
SW	.0	1.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.0
WSW	.0	.0	.0	7.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	5.5
W	.0	2.5	.0	8.4	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.6	7.7
WNW	.0	1.7	.0	3.4	.0	5.9	.0	.8	.0	.0	.0	.0	.0	.0	.0	11.8	10.7
NW	.0	1.7	.0	8.4	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.4	8.7
NNW	.0	.8	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	8.5
CALM	.0	10.1													.0	10.1	
TOTAL	.1	26.9	.2	56.3	.0	13.4	.0	1.7	.0	.0	.0	.0	.0	1.7	.3	100	7.3

AD-A108 169

NATIONAL CLIMATIC CENTER ASHEVILLE NC

F/G 4/2

WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME I--ETC(U)
JUN 81 DOT-FA79WAI-057

JUN 81

DOT-FA79WAI-057

NL

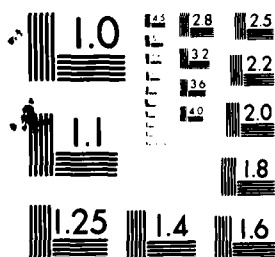
UNCLASSIFIED

2. 5

2 OF 3

AD-A

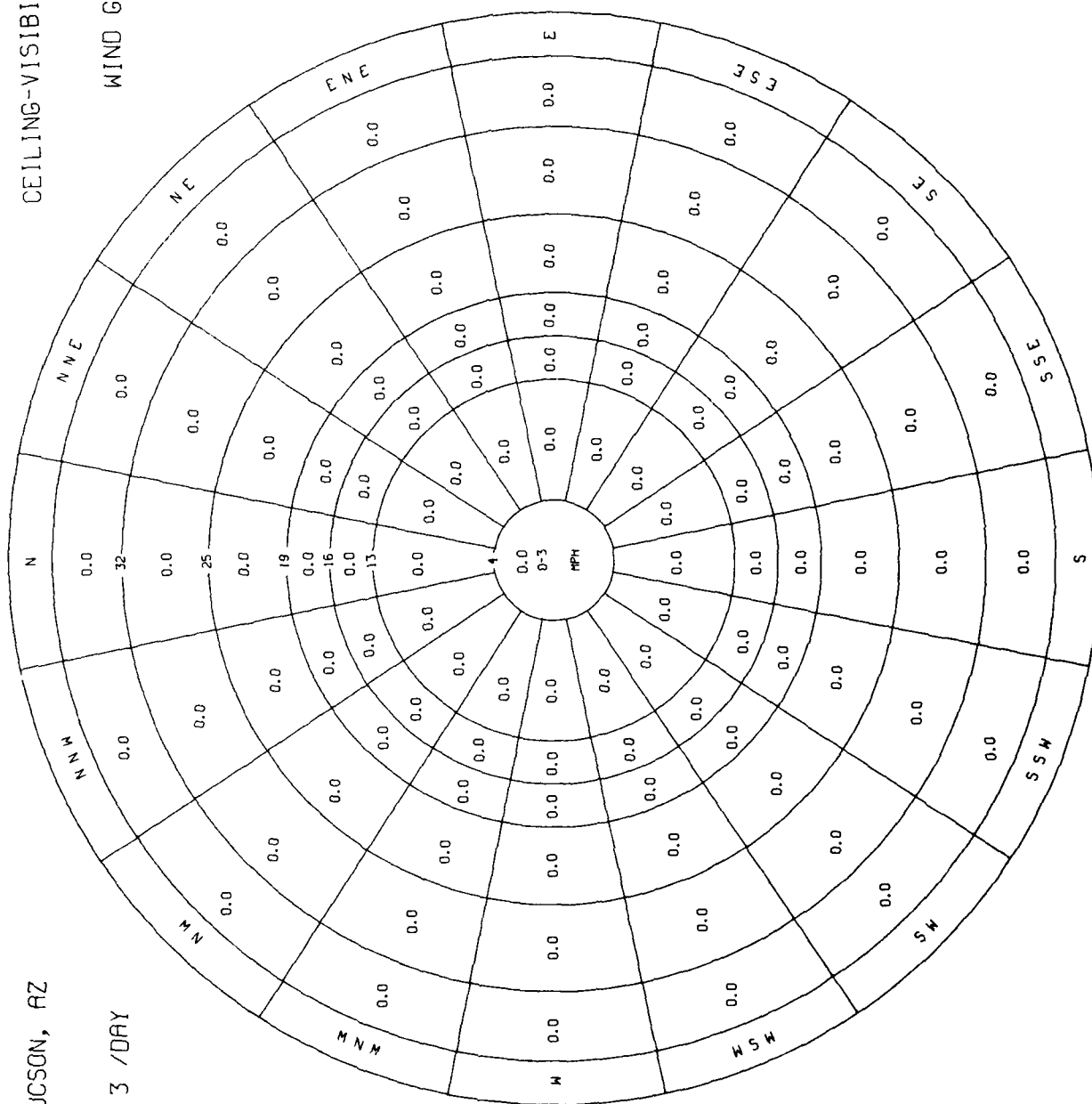
108169



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TUS TUCSON, AZ

PERIOD: 1949-1978

CLASS 3 / DAY

STATION NUMBER: 23160

NO. OBS.: 113

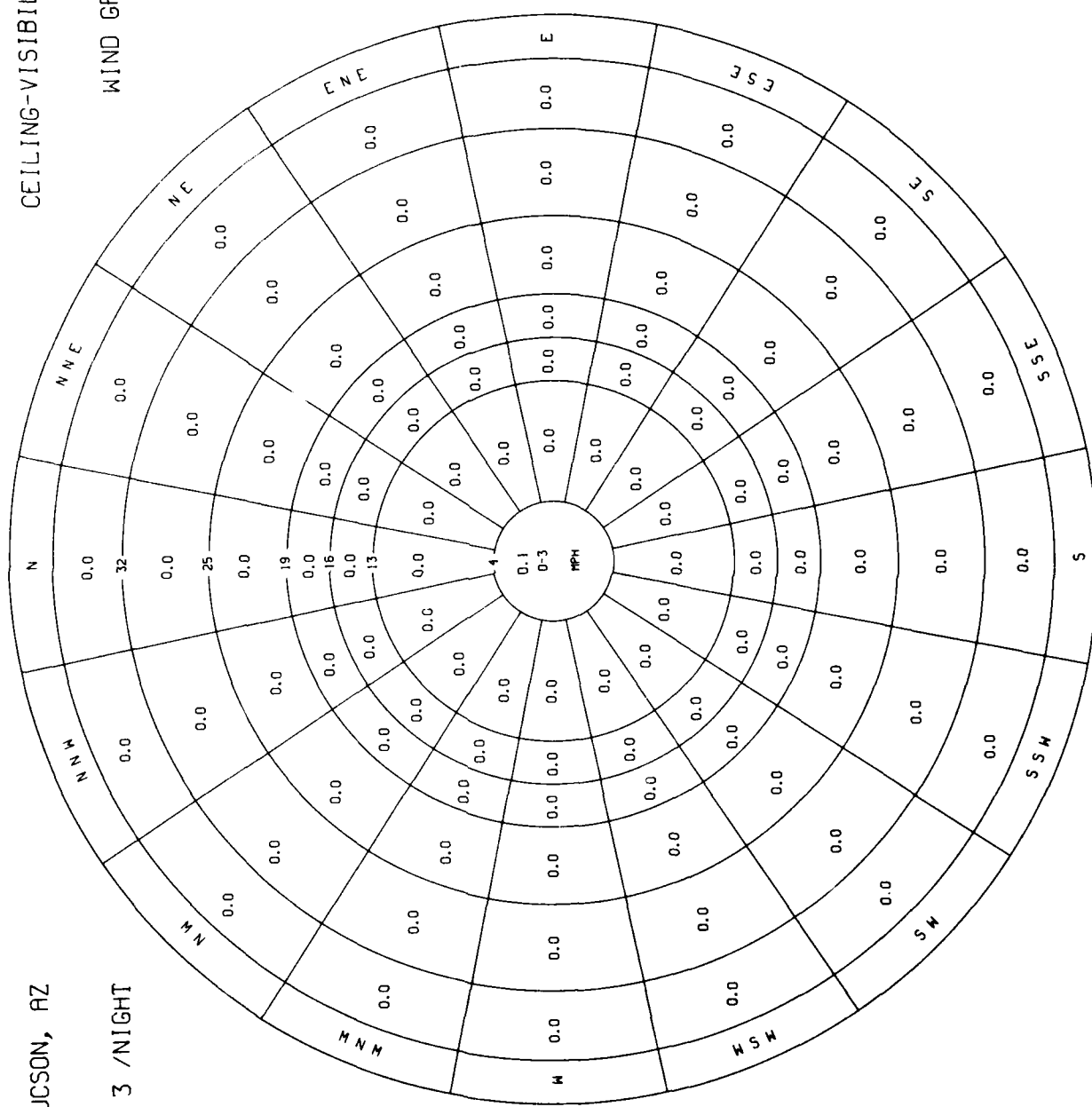
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	1.8	.0	5.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	7.0
NNE	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	2.7	11.0
NE	.0	.0	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	7.7
ENE	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.5
E	.0	1.8	.0	1.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	6.6
ESE	.0	.0	.0	.9	.0	.0	.0	.9	.0	.0	.0	1.8	.0	.0	.0	3.5	20.5
SE	.0	.0	.0	5.3	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	6.2	9.0
SSE	.0	.9	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.0
S	.0	.0	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	10.0
SSW	.0	.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	6.0
SW	.0	.9	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	7.0
WSW	.0	.0	.0	4.4	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	6.2	10.1
W	.0	1.8	.0	5.3	.0	1.8	.0	.9	.0	.9	.0	.9	.0	.0	.0	11.5	9.9
WNW	.0	.0	.0	7.1	.0	.0	.0	.9	.0	1.8	.0	.9	.0	.0	.0	11.5	12.8
NW	.0	1.8	.0	8.8	.0	2.7	.0	1.8	.0	.9	.0	.0	.0	.0	.0	15.9	9.9
NNW	.0	.0	.0	4.4	.0	1.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	7.1	10.7
CALM	.0	4.4													.0	4.4	
TOTAL	.0	13.3	.2	61.9	.0	8.8	.0	7.1	.0	5.3	.0	3.5	.0	.0	.2	100	9.4

CEILING-VISIBILITY

WIND GRAPH

TUS TUCSON, AZ

CLASS 3 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TUS TUCSON, AZ

PERIOD: 1949-1978

CLASS 3 / NIGHT

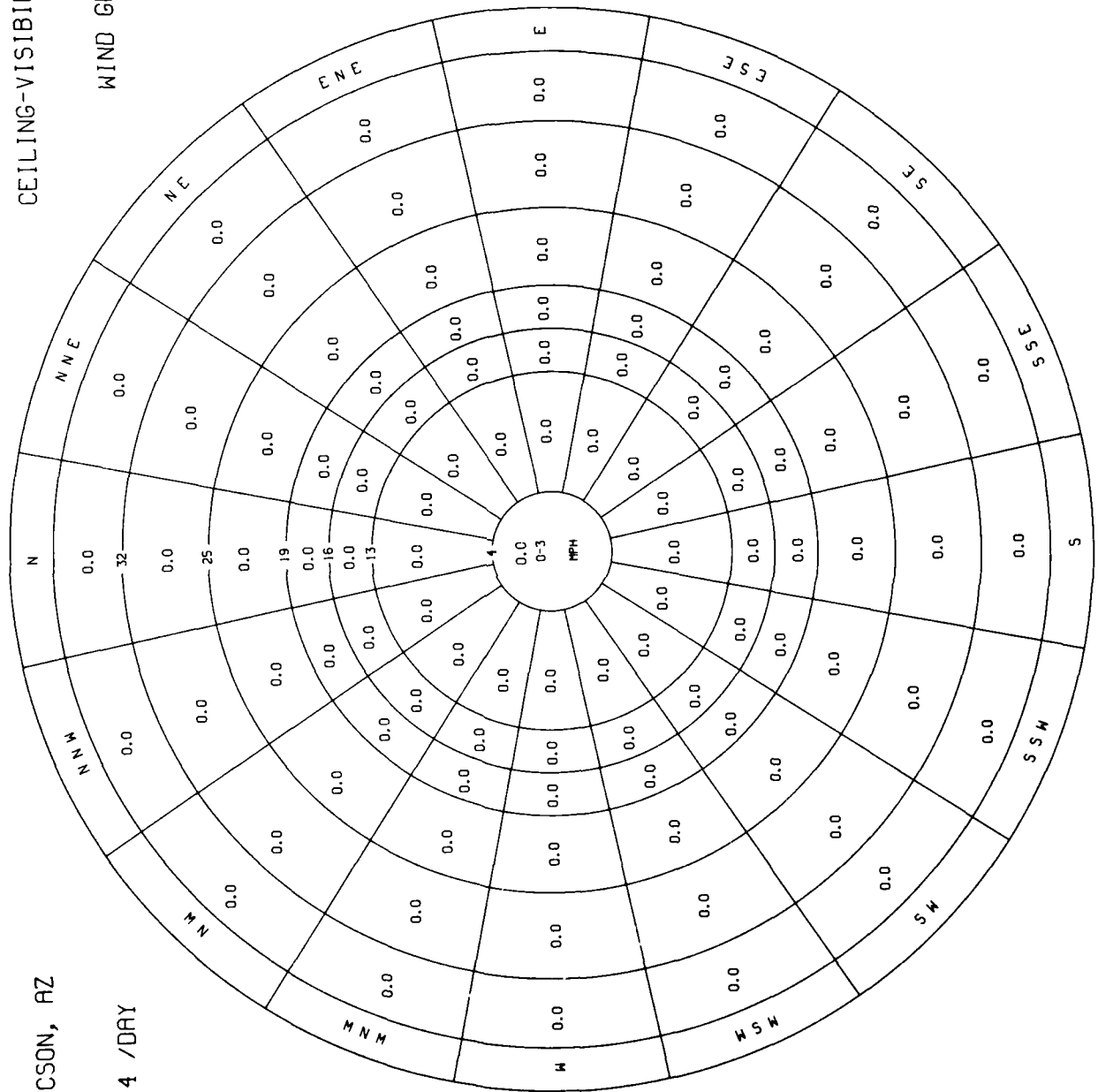
STATION NUMBER: 23160

NO. OBS.: 89

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.1	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7
NNE	.0	1.1	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2
N	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
ENE	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.0
E	.0	1.1	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	4.5
ESE	.0	.0	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2
SE	.0	1.1	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
SW	.0	2.2	.0	1.1	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	2.2
WSW	.0	.0	.0	7.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4
W	.0	3.4	.0	10.1	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	7.9
WNW	.0	2.2	.0	1.1	.0	5.6	.0	1.1	.0	.0	.0	.0	.0	.0	15.7
NW	.0	2.2	.0	10.1	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	10.1
NNW	.0	.0	.0	7.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.9
CALM	.0	10.1													7.9
TOTAL	.1	25.8	.1	53.9	.0	15.7	.0	2.2	.0	.0	.0	.0	.0	2.2	7.9

TUS TUCSON, AZ

CLASS 4 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TUS TUCSON, AZ

CLASS 4 / DAY

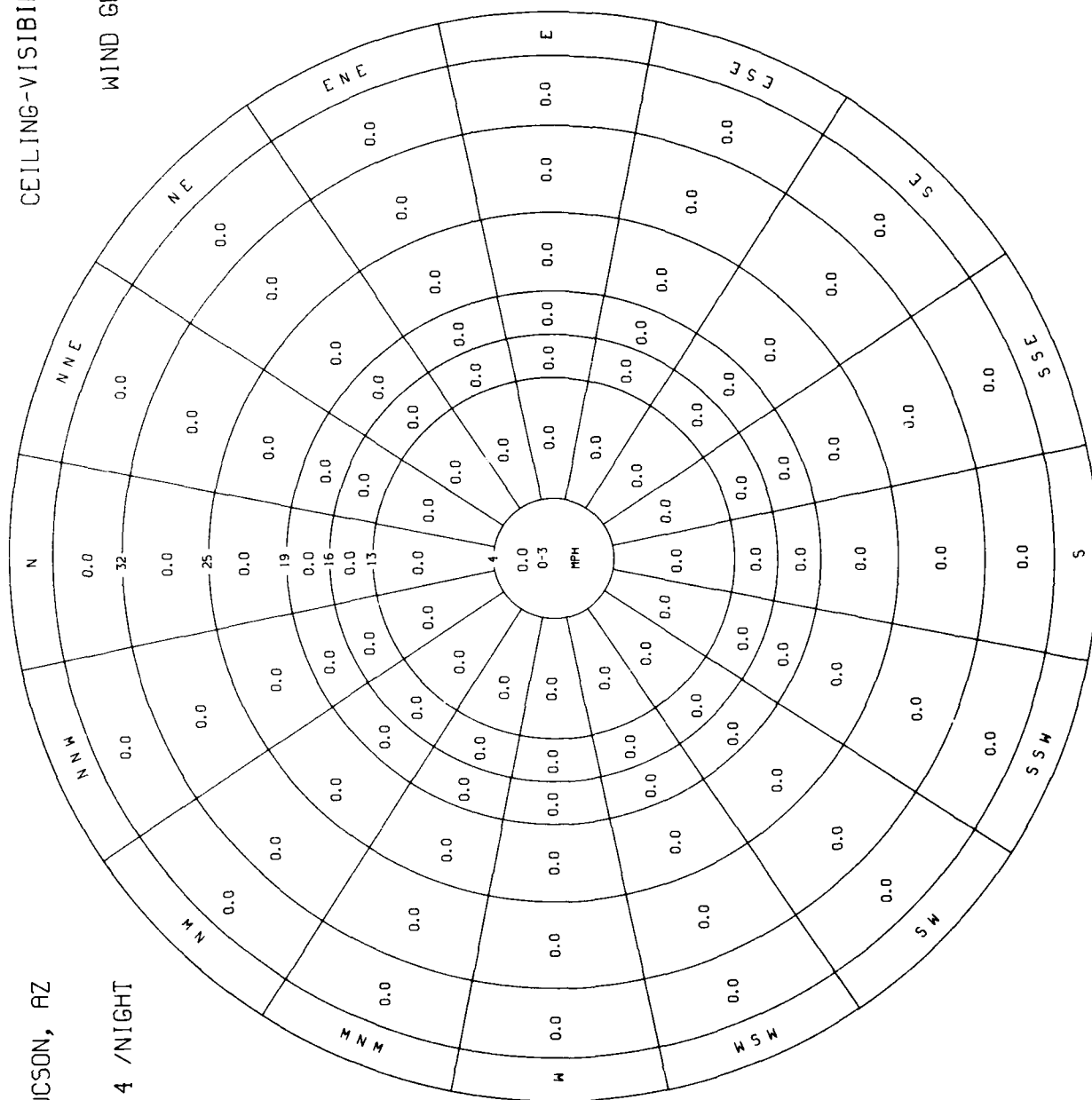
NO. OBS.: 7

STATION NUMBER: 23160

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CEILING-VISIBILITY

WIND GRAPH



TUS TUCSON, AZ

CLASS 4 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TUS TUCSON, AZ

CLASS 4 / NIGHT

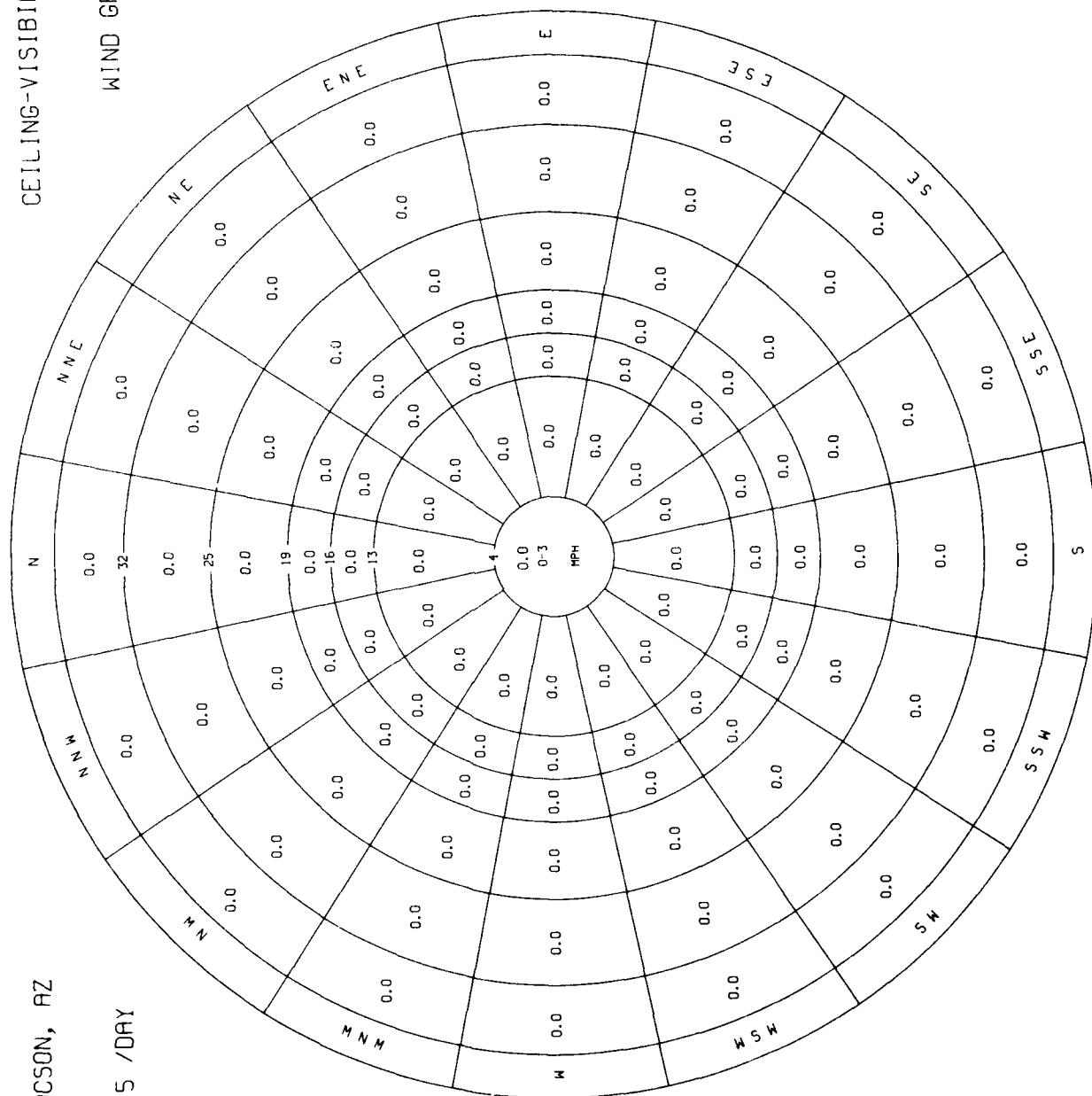
NO. OBS.: 17

STATION NUMBER: 23160

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	17.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 17.6
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
NE	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.9
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
E	.0	5.9	.0	11.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 17.6
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
S	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.9
SSW	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.9
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
WSW	.0	.0	.0	11.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 11.8
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
WNW	.0	.0	.0	11.8	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0 17.6
NW	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.9
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
CALM	.0	11.8													.0 11.8
TOTAL	.0	23.5	.0	70.6	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0 100
															.0 6.0

TUS TUCSON, AZ

CLASS 5 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TUS TUCSON, AZ

CLASS 5 / DAY

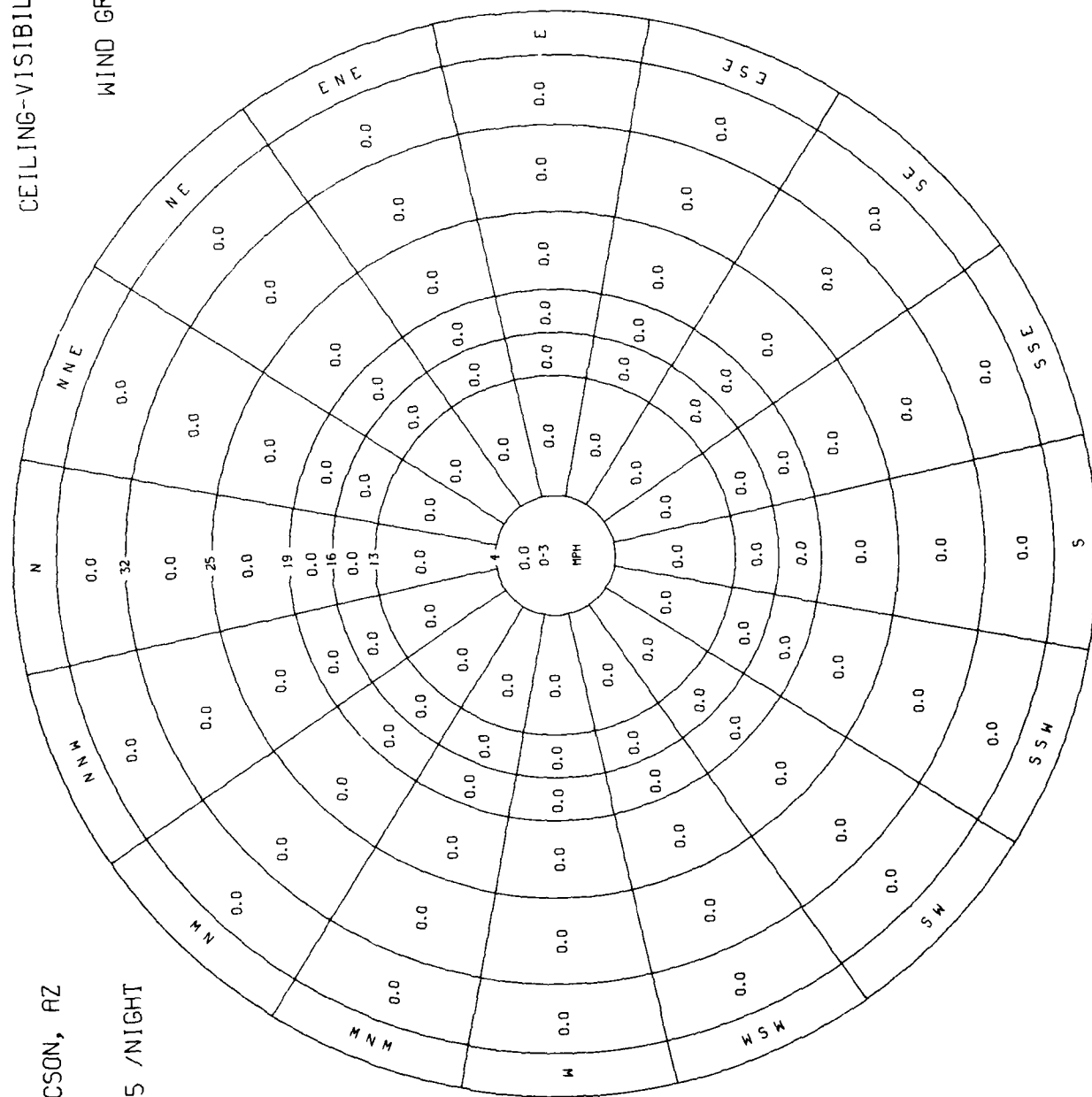
NO. OBS.: 7

STATION NUMBER: 23160

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0
ESE	.0	.0	.0	14.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.3	12.0
SE	.0	.0	.0	14.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.3	38.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0
WSW	.0	.0	.0	14.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0
WNW	.0	.0	.0	28.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
CALM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	.0	.0	.0	85.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.3	12.3

CEILING-VISIBILITY

WIND GRAPH



TUS TUCSON, AZ

CLASS 5 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: TUS TUCSON, AZ

CLASS 5 / NIGHT

NO. OBS.: 4

STATION NUMBER: 23160

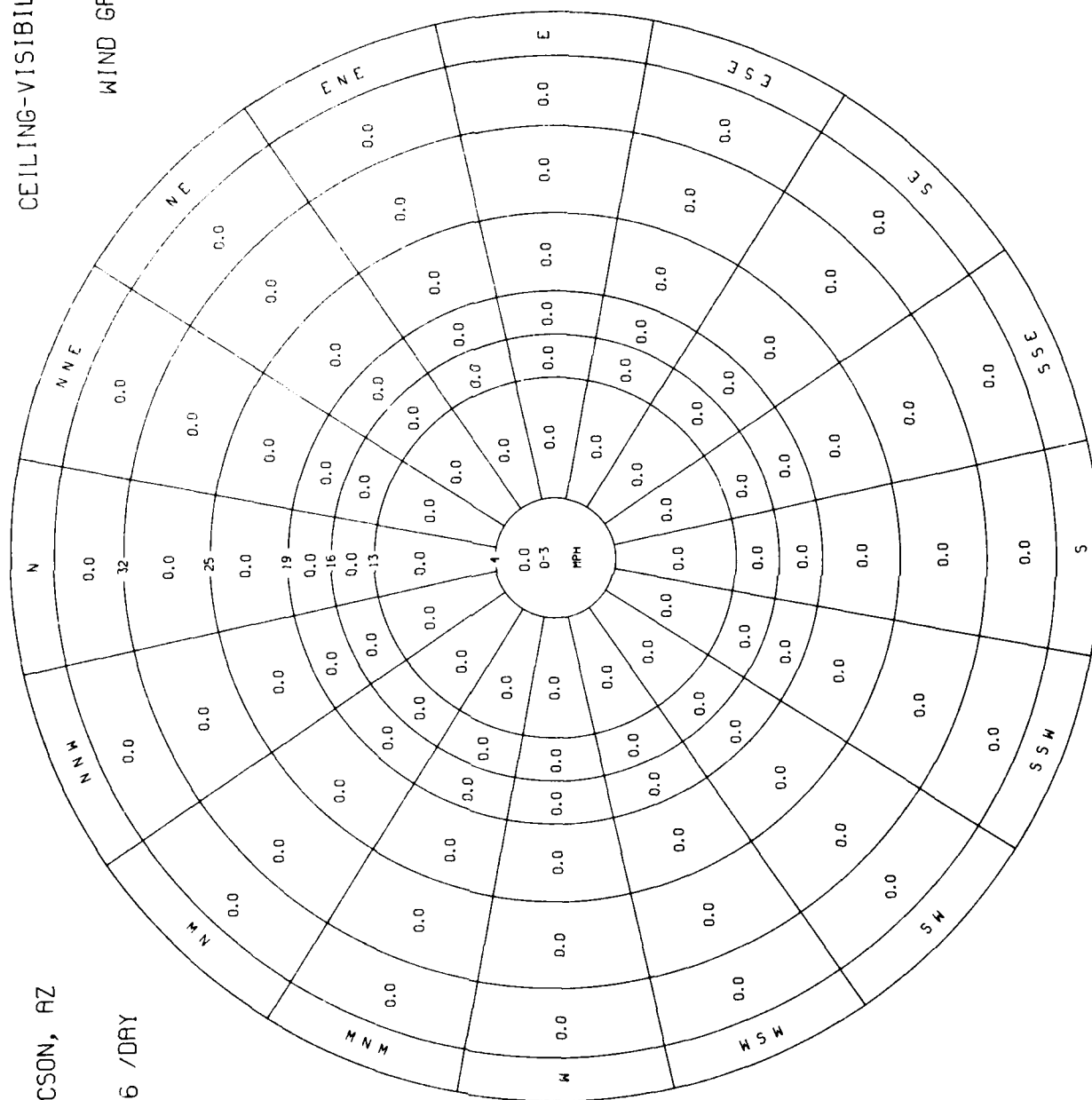
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	25.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25.0	6.0
S	.0	.0	.0	25.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25.0	6.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	25.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25.0	6.0
WNW	.0	.0	.0	.0	.0	25.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25.0	14.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0														.0	.0
TOTAL	.0	.0	.0	75.0	.0	25.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100

CEILING-VISIBILITY

WIND GRAPH

TUS TUCSON, AZ

CLASS 6 /DAY



ANNUAL

STATION NAME: TUS TUCSON, AZ

PERIOD: 1949-1978

CLASS 6 / DAY

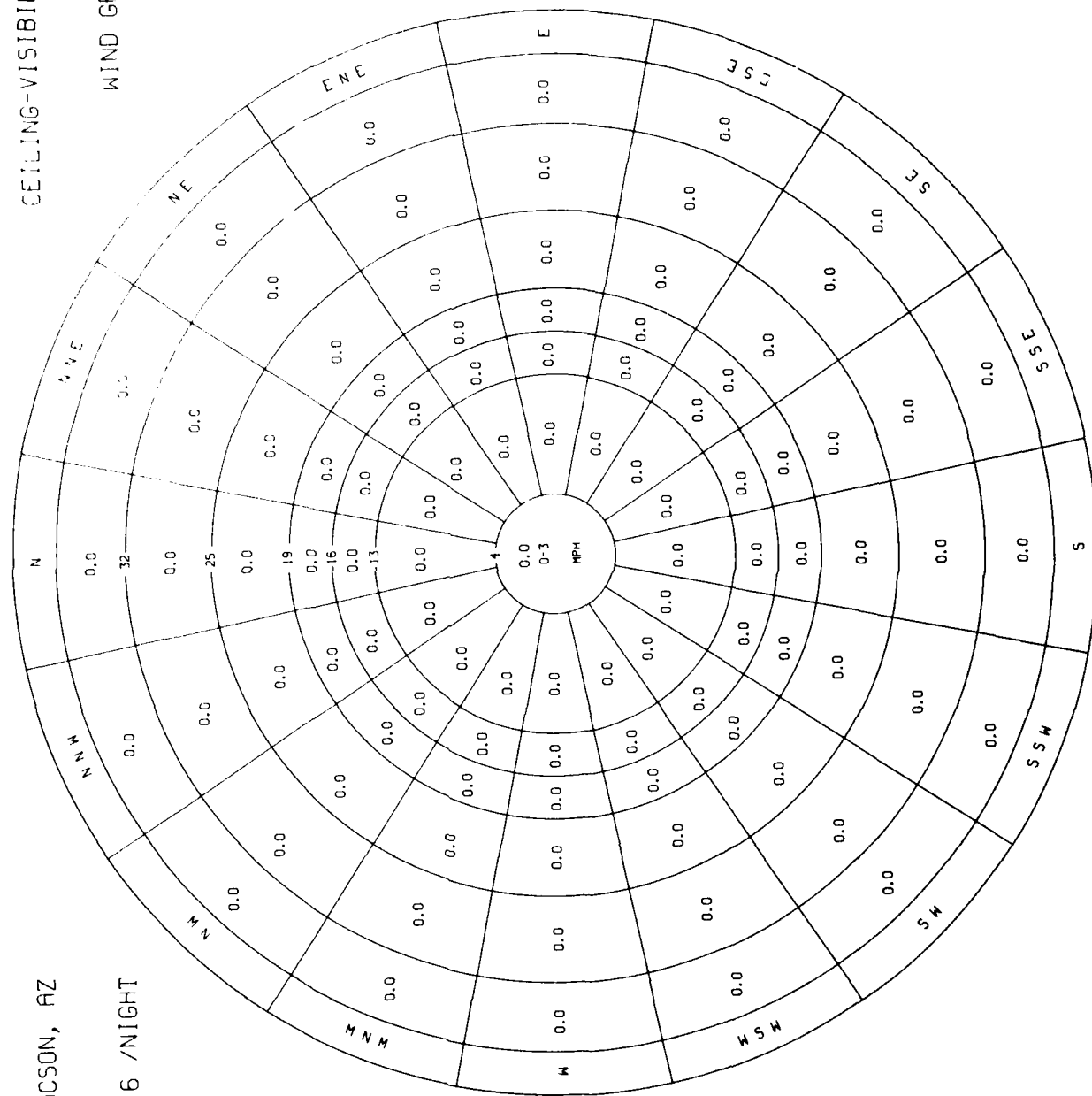
STATION NUMBER: 23160

NO. OBS.: 7

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	14.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.3	.0	14.3	38.0
SW	.0	14.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	42.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	42.9	5.7
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	.0														.0	.0
TOTAL	.0	14.3	.0	57.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	28.6	.0	100	15.6

CEILING-VISIBILITY

WIND GRAPH



TUS TUCSON, AZ

CLASS 6 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: TUS TUCSON, AZ

PERIOD: 1949-1978

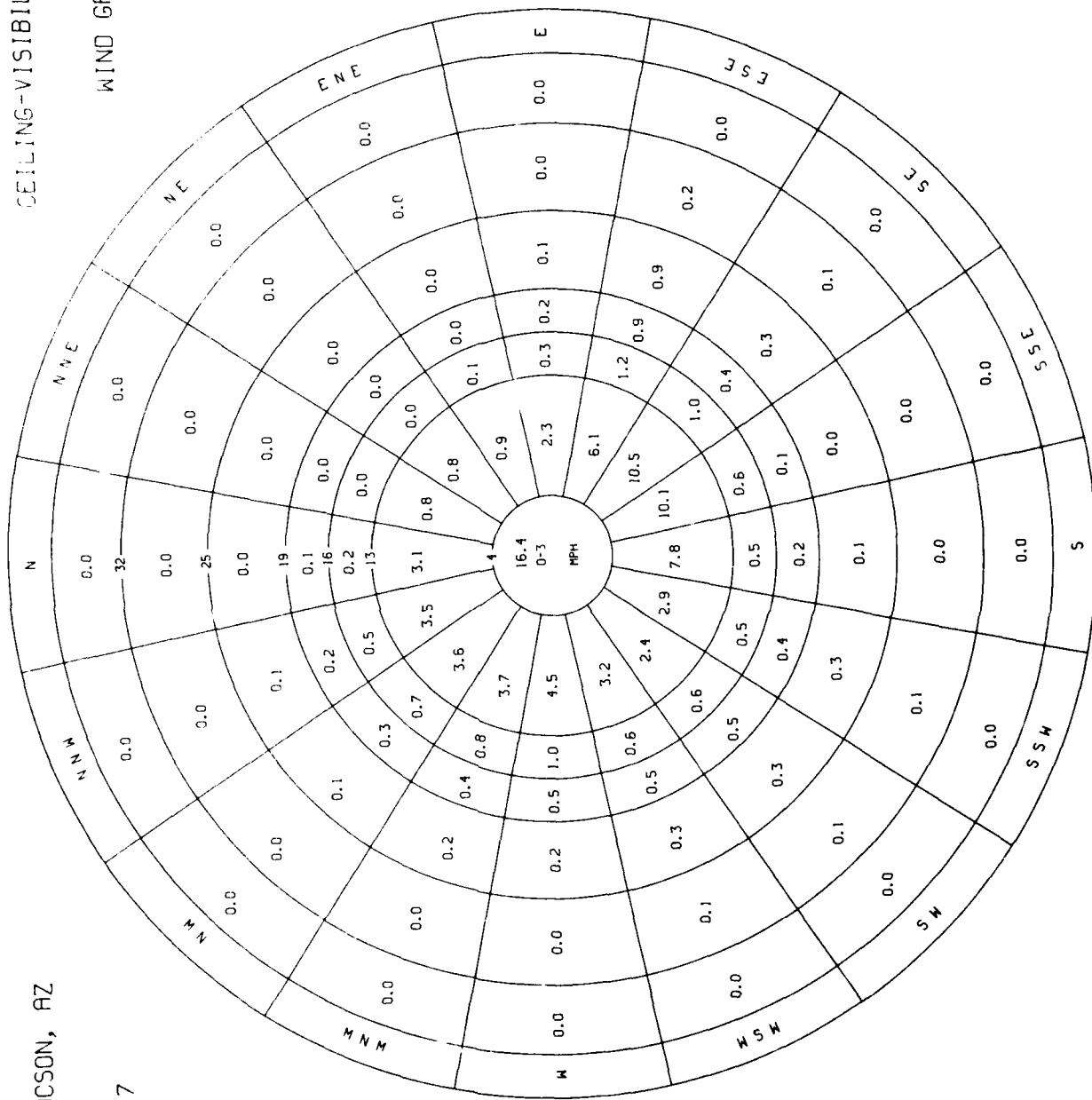
CLASS 6 / NIGHT

STATION NUMBER: 23160

NO. OBS.: 9

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	22.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22.2	3.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	11.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	3.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	11.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	8.0
S	.0	.0	.0	11.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	5.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	11.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	9.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	11.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	6.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	11.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	3.0
CALM	.0	11.1													.0	11.1	
TOTAL	.0	55.6	.0	44.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100	4.5

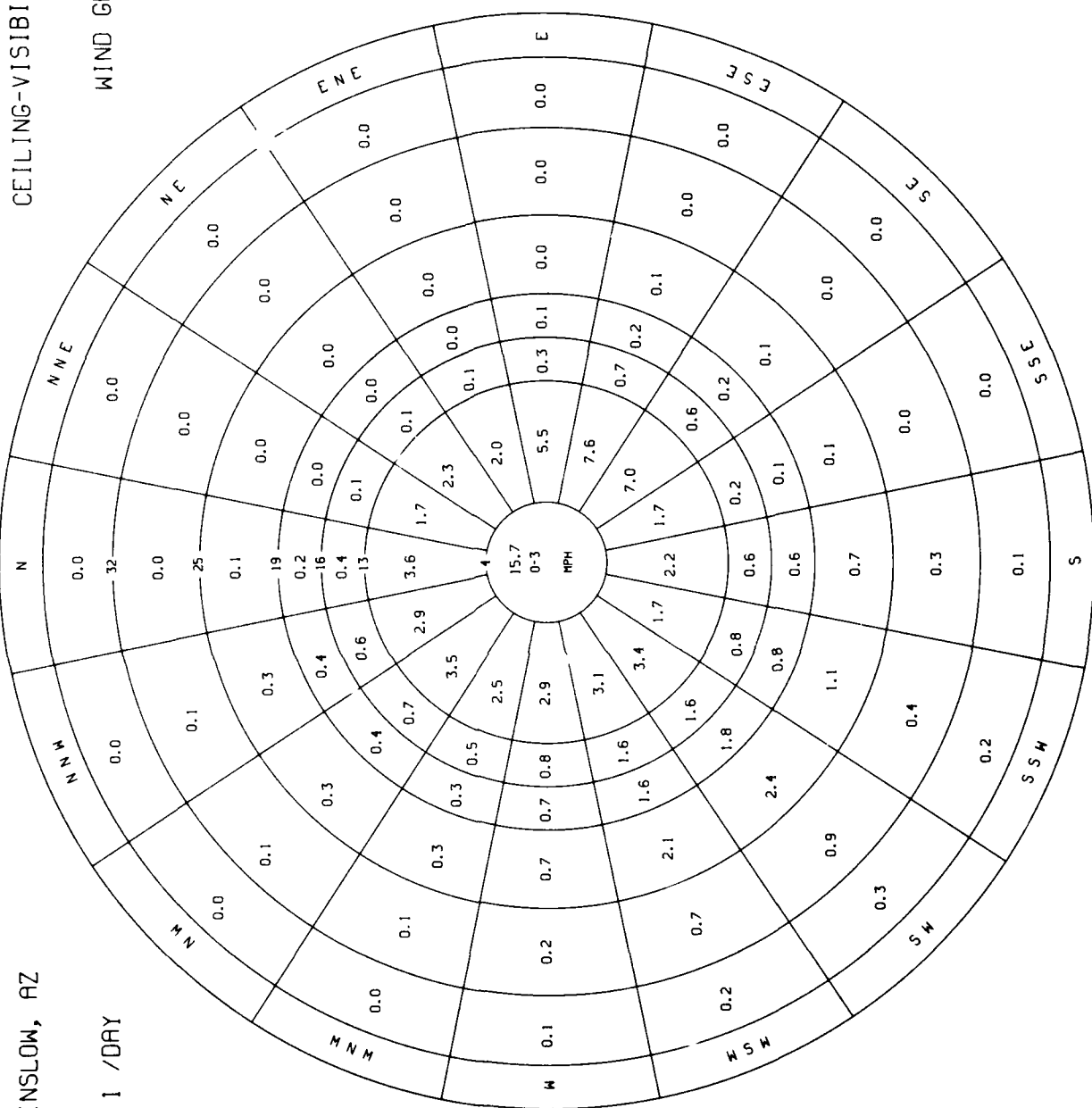
CEILING-VISIBILITY
WIND GRAPH



TUS TUCSON, AZ

CLASS 7

CEILING-VISIBILITY
WIND GRAPH



INW WINSLOW, AZ

CLASS 1 / DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: INW WINSLOW, AZ

CLASS 1 / DAY

NO. OBS.: 49269

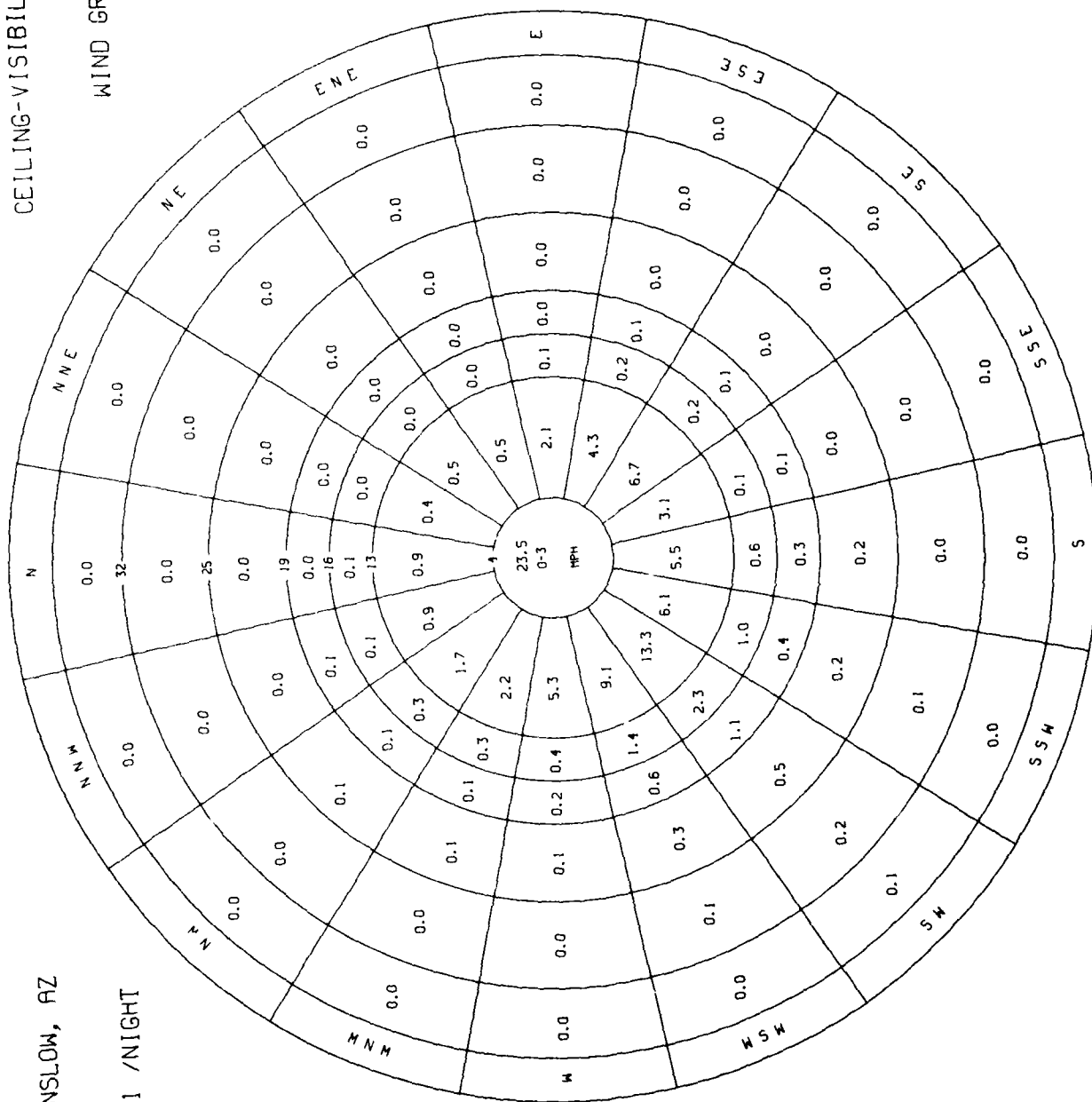
STATION NUMBER: 23194

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.4	.4	3.6	3.6	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	4.7	4.8	8.3
NNE	.2	.2	1.7	1.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.2	7.3
NE	.4	.4	2.3	2.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.9	2.9	6.8
ENE	.3	.3	2.0	2.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.4	2.4	7.3
E	.6	.6	5.5	5.6	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	6.5	6.6	7.7
ESE	.5	.5	7.6	7.7	.7	.7	.2	.2	.1	.1	.0	.0	.0	.0	9.1	9.2	8.6
SE	.8	.9	7.0	7.1	.6	.6	.2	.2	.1	.1	.0	.0	.0	.0	8.8	8.9	7.9
SSE	.3	.3	1.7	1.7	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.4	2.5	8.7
S	.3	.4	2.2	2.2	.6	.6	.6	.6	.7	.7	.3	.3	.1	.1	4.7	4.8	12.8
SSW	.2	.2	1.7	1.8	.8	.8	.8	.8	1.1	1.1	.4	.4	.2	.2	5.3	5.4	15.6
SW	.4	.4	3.4	3.5	1.6	1.7	1.8	1.9	2.4	2.4	.9	.9	.3	.3	10.8	11.0	15.7
WSW	.2	.2	3.1	3.1	1.6	1.6	1.6	1.7	2.1	2.1	.7	.7	.2	.2	9.5	9.7	15.7
W	.3	.3	2.9	2.9	.8	.9	.7	.7	.7	.7	.2	.2	.1	.1	5.7	5.8	12.4
WNW	.2	.2	2.5	2.5	.5	.5	.3	.3	.3	.3	.1	.1	.0	.0	3.9	3.9	10.4
NW	.4	.4	3.5	3.6	.7	.7	.4	.4	.3	.3	.1	.1	.0	.0	5.3	5.4	10.0
NNW	.3	.3	2.9	2.9	.6	.6	.4	.4	.3	.3	.1	.1	.0	.0	4.4	4.5	10.3
CALM	9.8	10.0													9.8	10.0	
TOTAL	15.7	16.0	53.6	54.4	9.7	9.8	7.5	7.7	8.2	8.3	2.9	2.9	.9	.9	98.5	100	10.0

WIND GRAPH

INW WINSLOW, AZ

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: INW WINSLOW, AZ

PERIOD: 1948-1978

CLASS 1 / NIGHT

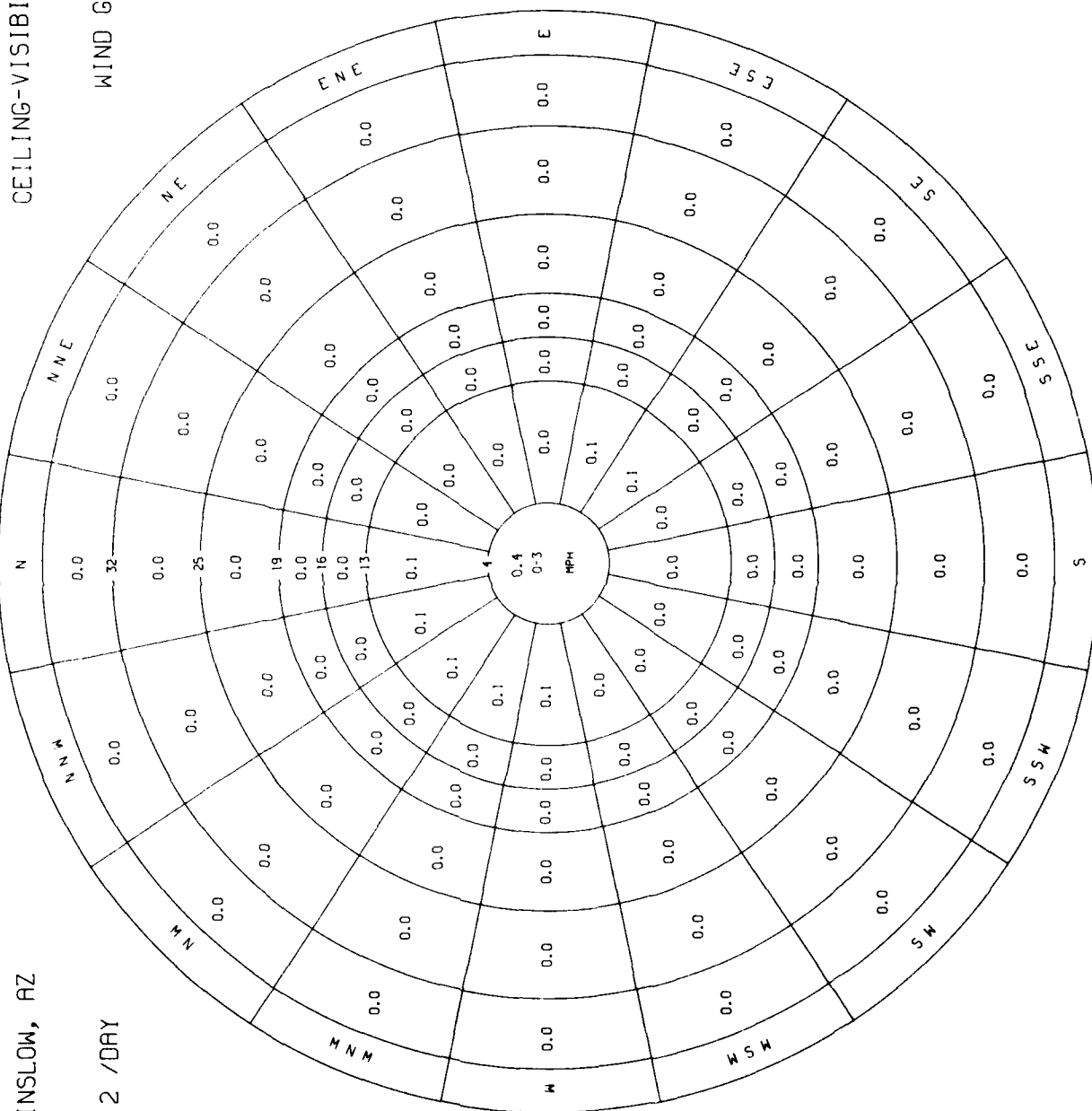
STATION NUMBER: 23194

NO. OBS.: 39886

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.2	.2	.9	.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.2 1.3
NNE	.2	.2	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6 .6
NE	.2	.2	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7 .8
ENE	.2	.2	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7 .7
E	.5	.5	2.1	2.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.7 2.8
ESE	.5	.5	4.3	4.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	5.2 5.3
SE	1.3	1.4	6.7	6.9	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	8.3 8.5
SSE	.6	.7	3.1	3.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	3.9 4.0
S	.9	.9	5.5	5.6	.6	.6	.3	.3	.2	.2	.0	.0	.0	.0	7.5 7.6
SSW	.6	.6	6.1	6.2	1.0	1.0	.4	.4	.2	.2	.1	.1	.0	.0	8.4 8.5
SW	1.2	1.2	13.3	13.5	2.3	2.3	1.1	1.1	.5	.6	.2	.2	.1	.1	18.5 18.8
WSW	.7	.7	9.1	9.3	1.4	1.5	.6	.6	.3	.3	.1	.1	.0	.0	12.2 12.4
W	.5	.5	5.3	5.4	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	6.5 6.6
WNW	.3	.3	2.2	2.2	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	2.9 2.9
NW	.2	.3	1.7	1.7	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	2.4 2.5
NNW	.1	.1	.9	.9	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	1.3 1.3
CALM	15.3	15.5													15.3 15.5
TOTAL	23.5	23.9	62.6	63.6	7.1	7.2	2.9	3.0	1.7	1.7	.5	.5	.1	.1	98.4 100
															7.1

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: INW WINSLOW, AZ

PERIOD: 1948-1978

CLASS 2 / DAY

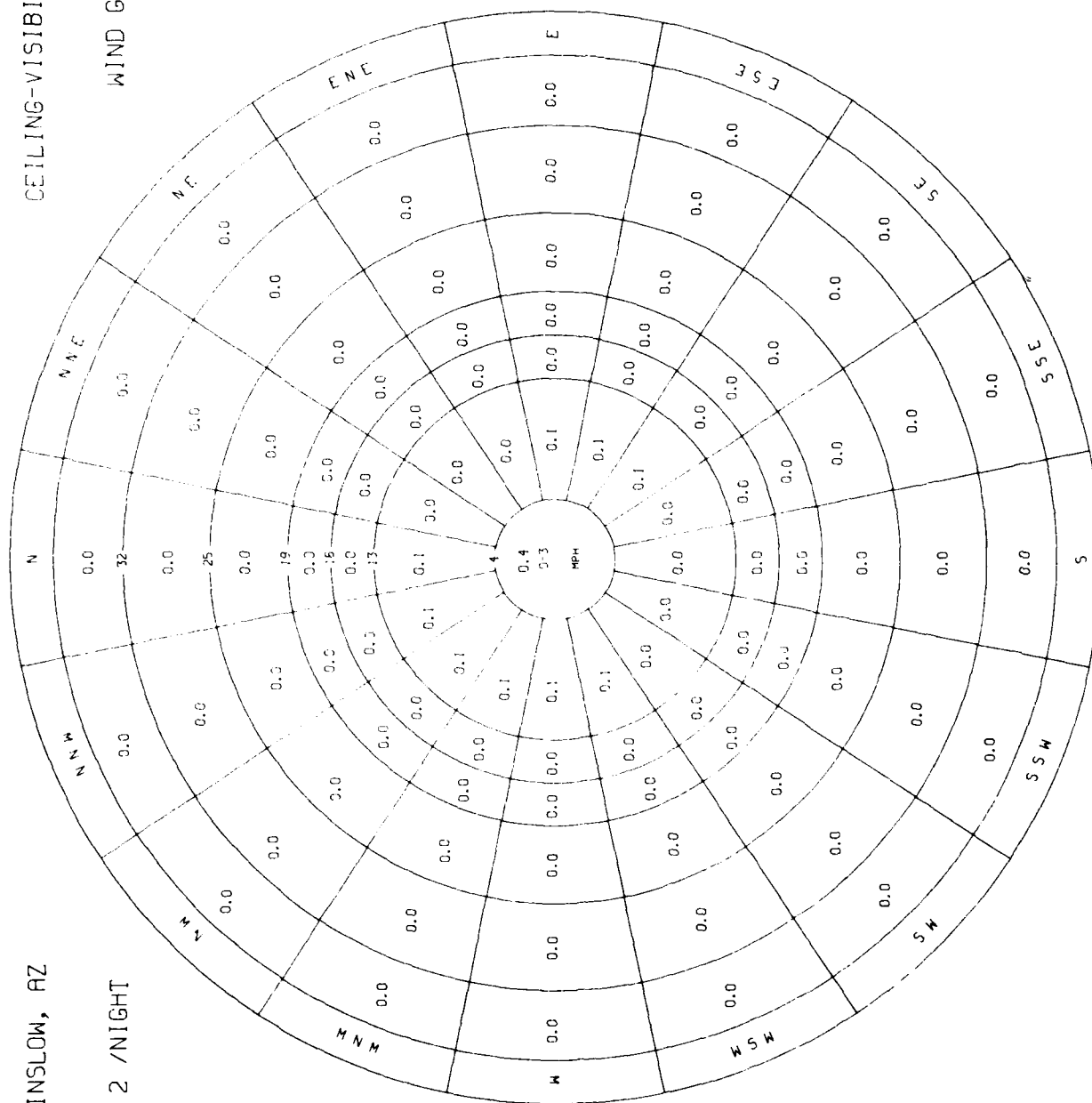
STATION NUMBER: 23194

NO. OBS.: 749

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.4	.1	4.1	.0	.5	.0	.1	.0	.1	.0	.0	.0	.0	.1	5.3	7.6
NNE	.0	.3	.0	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	7.3
NE	.0	.4	.0	.7	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	1.2	7.2
ENE	.0	.3	.0	2.1	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.8	7.4
E	.0	.7	.0	2.9	.0	.3	.0	.4	.0	.1	.0	.0	.0	.0	.1	4.4	8.4
ESE	.0	.7	.1	4.1	.0	.5	.0	.4	.0	.1	.0	.1	.0	.0	.1	6.0	9.1
SE	.0	.5	.1	4.3	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.1	5.2	7.1
SSE	.0	.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	1.5	10.6
S	.0	.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.1	.0	.4	.0	1.7	15.2
SSW	.0	.1	.0	1.5	.0	.1	.0	.1	.0	.1	.0	.1	.0	1.3	.1	3.5	22.2
SW	.0	.0	.0	1.1	.0	.4	.0	.5	.0	.3	.0	.5	.0	2.8	.1	5.6	29.2
WSW	.0	.1	.0	1.5	.0	.7	.0	.1	.0	.3	.0	.1	.0	.8	.1	3.6	17.7
W	.0	.0	.1	5.1	.0	.4	.0	.4	.0	.1	.0	.1	.0	.0	.1	6.1	9.1
WNW	.0	.9	.1	7.7	.0	1.5	.0	.8	.0	.4	.0	.0	.0	.3	.2	11.6	10.0
NW	.0	1.3	.1	8.8	.0	1.5	.0	.9	.0	1.1	.0	.3	.0	.3	.2	14.2	10.4
NNW	.0	.7	.1	5.5	.0	1.1	.0	.5	.0	.5	.0	.1	.0	.1	.1	8.5	9.9
CALM	.3	17.1													.3	17.1	
TOTAL	.4	24.0	.8	52.5	.1	7.6	.1	4.7	.0	3.3	.0	1.7	.1	6.1	.15	100	9.6

CEILING-VISIBILITY

WIND GRAPH



INW WINDSLOW, AZ

CLASS 2 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: INW WINSLOW, AZ

CLASS 2 / NIGHT

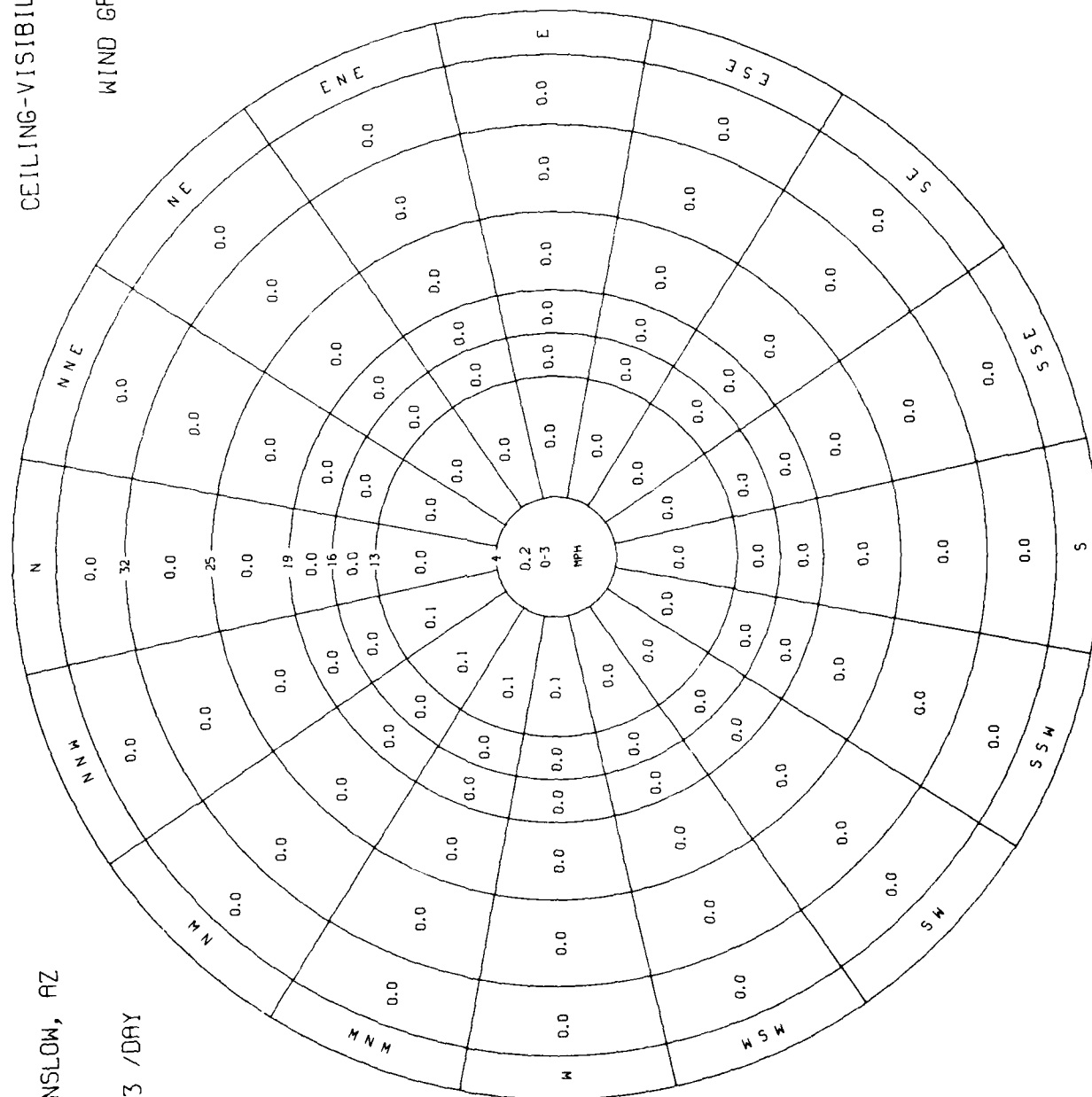
NO. OBS.: 651

STATION NUMBER: 23194

O I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C	D	
A	B	A	B	A	B	A	B	A	B	C	D						
N	.0	1.2	.1	4.9	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.1	6.8	6.4
NNE	.0	.2	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	6.8
NE	.0	.6	.0	1.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.2
ENE	.0	.3	.0	1.4	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.8	6.9
E	.0	.6	.1	3.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.1	6.7
ESE	.0	.9	.1	4.6	.0	.6	.0	.0	.0	.2	.0	.0	.0	.0	.1	6.3	7.7
SE	.0	.5	.1	3.8	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	4.5	7.0
SSE	.0	.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.7
S	.0	.2	.0	2.0	.0	.2	.0	.2	.0	.2	.0	.0	.0	.0	.0	2.6	8.3
SSW	.0	.5	.0	1.7	.0	.5	.0	.0	.0	.2	.0	.0	.0	.0	.2	2.9	10.6
SW	.0	.5	.0	2.8	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.1	3.7	7.8
WSW	.0	.0	.1	3.4	.0	.3	.0	.3	.0	.2	.0	.0	.0	.3	.1	4.5	11.5
W	.0	.8	.1	5.7	.0	.5	.0	.9	.0	.0	.0	.0	.0	.0	.1	7.8	8.5
WNW	.0	.3	.1	6.9	.0	.9	.0	.9	.0	.6	.0	.0	.0	.0	.2	9.7	9.6
NW	.0	.6	.1	8.1	.0	1.2	.0	.8	.0	1.1	.0	.5	.0	.0	.2	12.3	10.9
NNW	.0	.9	.1	5.5	.0	.5	.0	.6	.0	.2	.0	.0	.0	.0	.1	7.7	8.2
CALM	.3	19.5													.3	19.5	
TOTAL	.4	27.6	.9	58.7	.1	5.7	.1	4.6	.0	2.5	.0	.5	.0	.5	1.6	100	6.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: INW WINSLOW, AZ

CLASS 3 / DAY

NO. OBS.: 532

STATION NUMBER: 23194

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
															A	B		
																		C
N	.0	.6	.0	3.0	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	4.1	7.9	
NNE	.0	.4	.0	1.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.9
NE	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.2
ENE	.0	.4	.0	1.9	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.8	7.9
E	.0	.6	.0	2.3	.0	.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	3.8	8.7
ESE	.0	.2	.0	4.3	.0	.8	.0	.6	.0	.2	.0	.2	.0	.0	.0	.1	6.2	10.2
SE	.0	.4	.0	3.8	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.5	7.4
SSE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	12.9
S	.0	.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	1.7	20.2
SSW	.0	.0	.0	.8	.0	.2	.0	.2	.0	.4	.0	.6	.0	.0	.0	.1	5.3	26.2
SW	.0	.0	.0	1.5	.0	.6	.0	.8	.0	.2	.0	.2	.0	.0	.0	.0	3.6	17.6
WSW	.0	.0	.0	1.7	.0	.6	.0	.2	.0	.2	.0	.0	.0	.0	.0	.1	7.0	9.1
W	.0	.0	.1	5.6	.0	.6	.0	.6	.0	.2	.0	.0	.0	.0	.0	.1	13.2	10.3
WNW	.0	1.1	.1	8.1	.0	1.9	.0	1.1	.0	.6	.0	.0	.0	.0	.0	.4	15.8	10.1
NW	.0	1.5	.1	10.3	.0	1.3	.0	1.1	.0	.9	.0	.2	.0	.0	.0	.2	9.6	9.8
NNW	.0	.8	.1	6.6	.0	.8	.0	.6	.0	.6	.0	.2	.0	.0	.0	.2	15.0	
CALM	.2	15.0			.1	7.7	.1	6.2	.0	3.2	.0	1.9	.1	5.6	1.1	100	9.8	
TOTAL	.2	21.6	.6	53.8														

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: INW WINSLOW, AZ

CLASS 3 / NIGHT

NO. OBS.: 400

STATION NUMBER: 23194

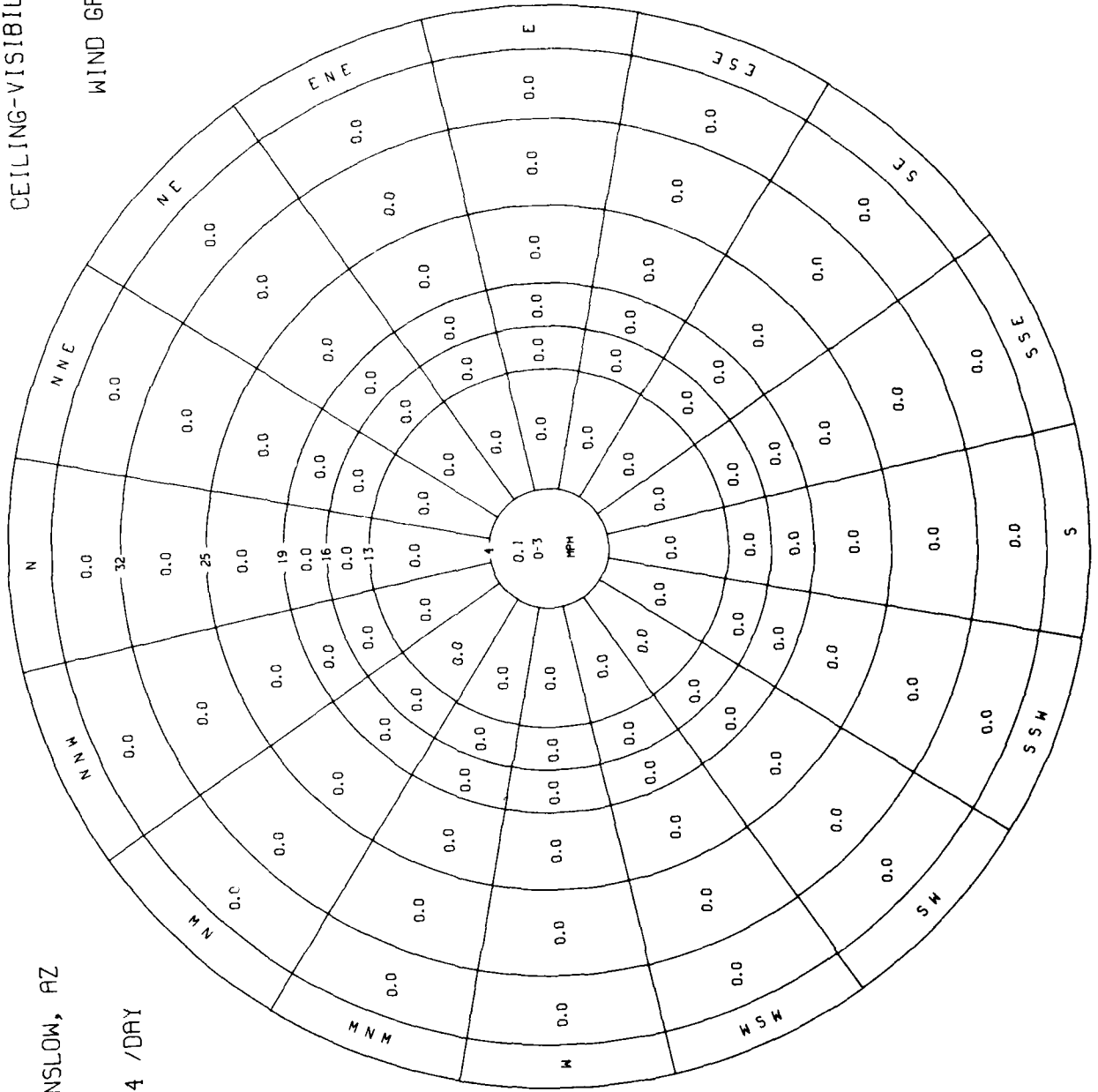
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	.5	.0	4.2	.0	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.1	5.5	7.3
NNE	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	7.6
NE	.0	.5	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7.7
ENE	.0	.2	.0	1.5	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.0	7.6
E	.0	.5	.0	3.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	7.3
ESE	.0	1.0	.1	5.2	.0	1.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1	7.5	8.2
SE	.0	.2	.0	2.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.7	8.3
SSE	.0	.2	.0	.7	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.2	7.6
S	.0	.0	.0	1.2	.0	.2	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	2.0	11.7
SSW	.0	.7	.0	1.7	.0	.7	.0	.0	.0	.2	.0	.0	.0	.0	.2	.0	3.7	11.5
SW	.0	.7	.0	2.7	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	7.2
WSW	.0	.0	.0	3.7	.0	.5	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	5.0	10.5
W	.0	.7	.1	5.7	.0	.7	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.1	8.2	9.1
WNW	.0	.2	.1	7.2	.0	1.0	.0	1.0	.0	.7	.0	.0	.0	.0	.0	.1	10.2	10.0
NW	.0	.5	.1	10.5	.0	2.0	.0	.7	.0	1.2	.0	.5	.0	.0	.0	.2	15.5	11.0
NNW	.0	.7	.1	6.3	.0	.7	.0	.7	.0	.2	.0	.0	.0	.0	.0	.1	8.7	8.6
CALM	.2	15.5																
TOTAL	.2	22.5	.6	59.5	.1	8.5	.1	5.5	.0	3.2	.0	.5	.0	.2	1.0	100		7.8

CEILING-VISIBILITY

WIND GRAPH

INW WINSLOW, AZ

CLASS 4 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: INW WINSLOW, AZ

PERIOD: 1948-1978

CLASS 4 / DAY

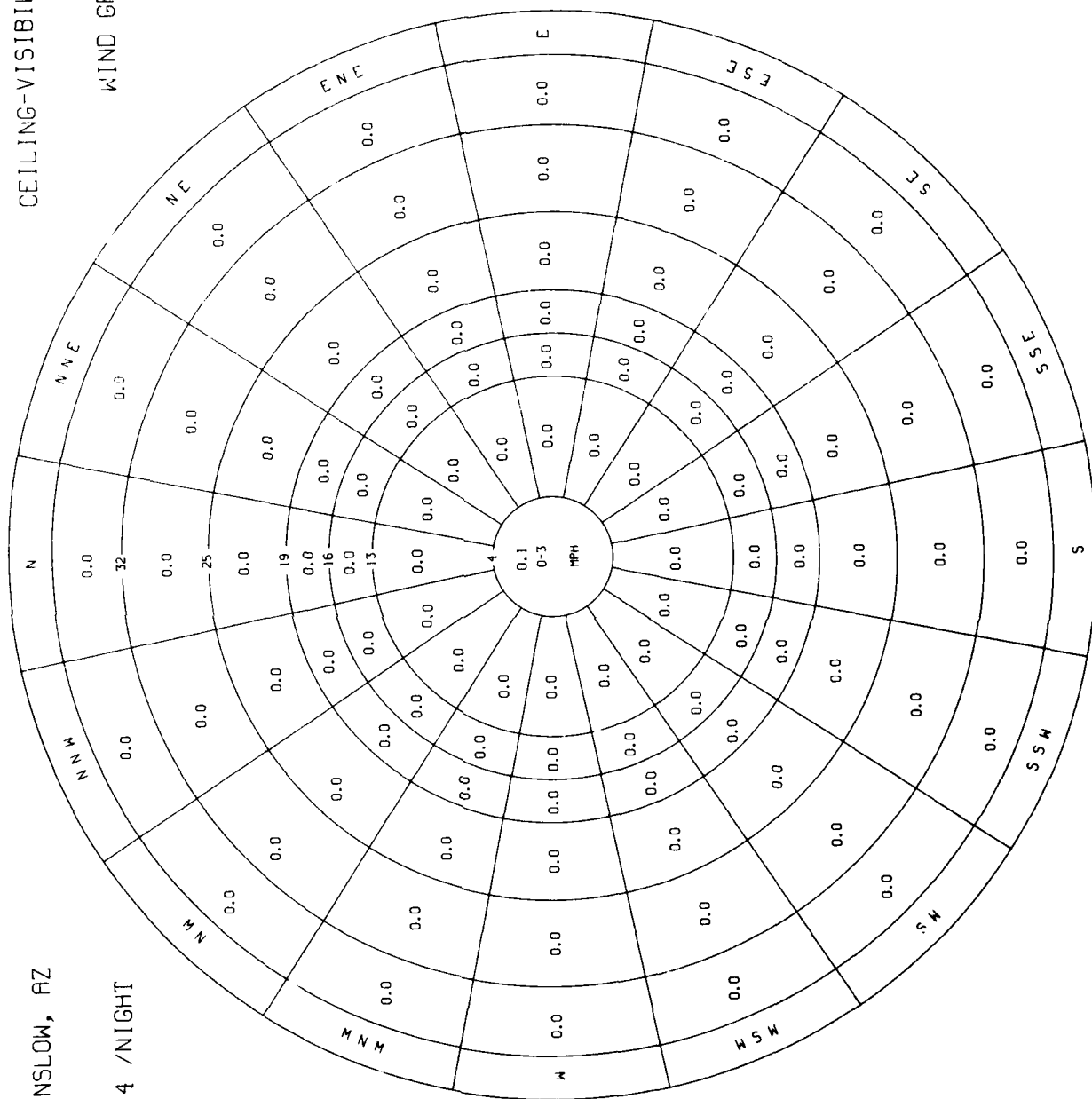
STATION NUMBER: 23194

NO. OBS.: 119

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	6.7	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	7.6
NNE	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.8
ENE	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4
E	.0	1.7	.0	7.6	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	10.1
ESE	.0	.8	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
SE	.0	.8	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.8	.0	.0	5.0
WSW	.0	.8	.0	1.7	.0	.8	.0	.0	.0	.0	.0	.0	.0	4.2	6.7
W	.0	.0	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.0
WNW	.0	.0	.0	9.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	3.4
NW	.0	1.7	.0	5.9	.0	2.5	.0	.8	.0	1.7	.0	.8	.0	.0	10.1
NNW	.0	.8	.0	1.7	.0	3.4	.0	.8	.0	.8	.0	.0	.0	.0	13.4
CALM	.0	16.8													16.8
TOTAL	.1	24.4	.1	51.3	.0	10.1	.0	1.7	.0	4.2	.0	1.7	.0	6.7	100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: INW WINSLOW, AZ

PERIOD: 1948-1978

CLASS 4 / NIGHT

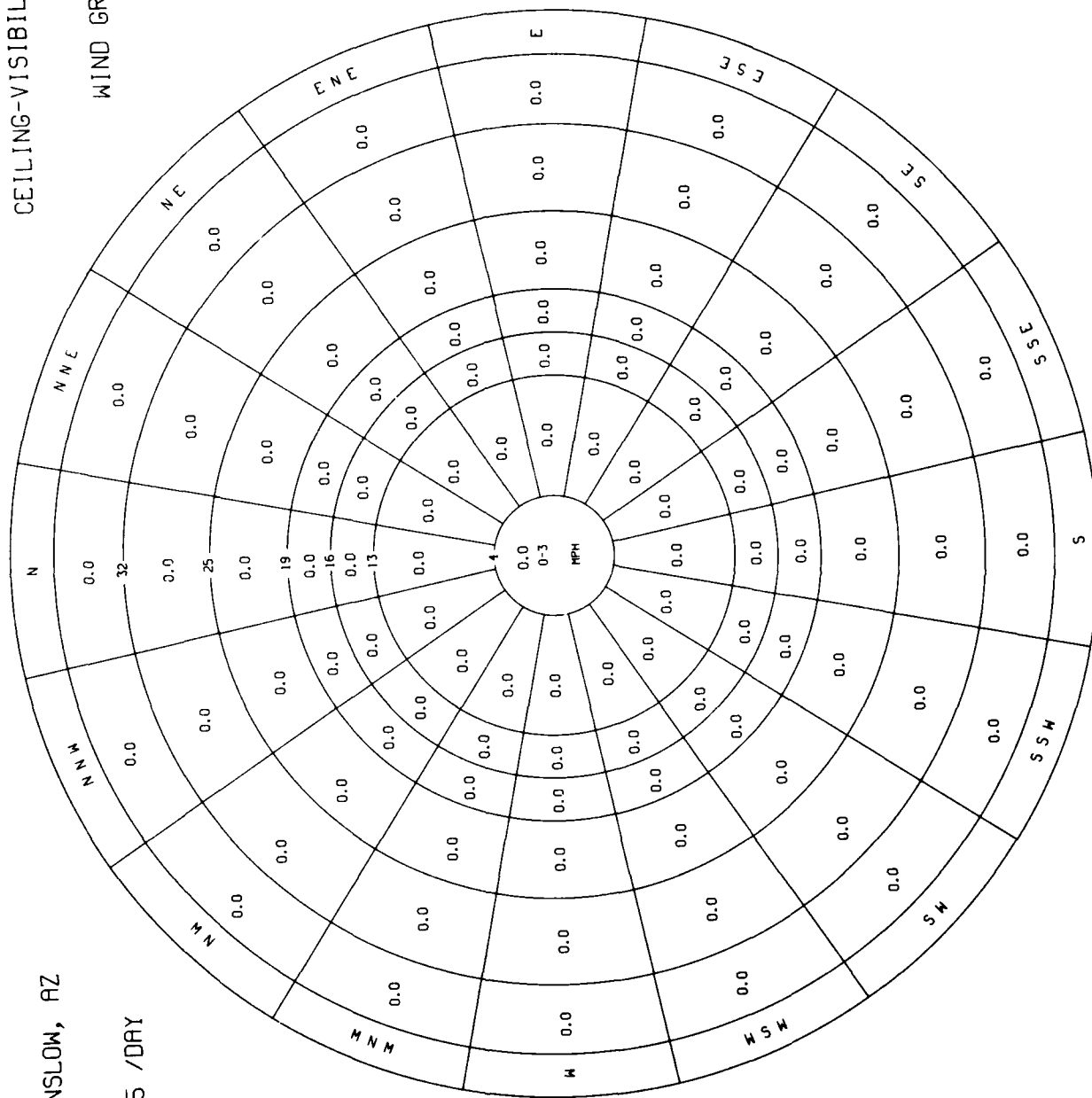
STATION NUMBER: 23194

NO. OBS.: 88

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	3.4	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1
NNE	.0	1.1	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4
NE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
ESE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
SE	.0	.0	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7
SSE	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
S	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
SSW	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
SW	.0	.0	.0	2.3	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	3.4
WSW	.0	.0	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8
W	.0	1.1	.0	11.4	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	13.6
WNW	.0	1.1	.0	6.8	.0	.0	.0	2.3	.0	1.1	.0	.0	.0	.0	11.4
NW	.0	.0	.0	5.7	.0	.0	.0	2.3	.0	1.1	.0	.0	.0	.0	9.1
NNW	.0	1.1	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5
CALM	.0	22.7													22.7
TOTAL	.1	30.7	.1	59.1	.0	.0	.0	6.8	.0	2.3	.0	.0	.0	1.1	6.7

INW WINSLOW, AZ

CLASS 5 / DAY



ANNUAL

STATION NAME: INW WINSLOW, AZ

PERIOD: 1948-1978

CLASS 5 / DAY

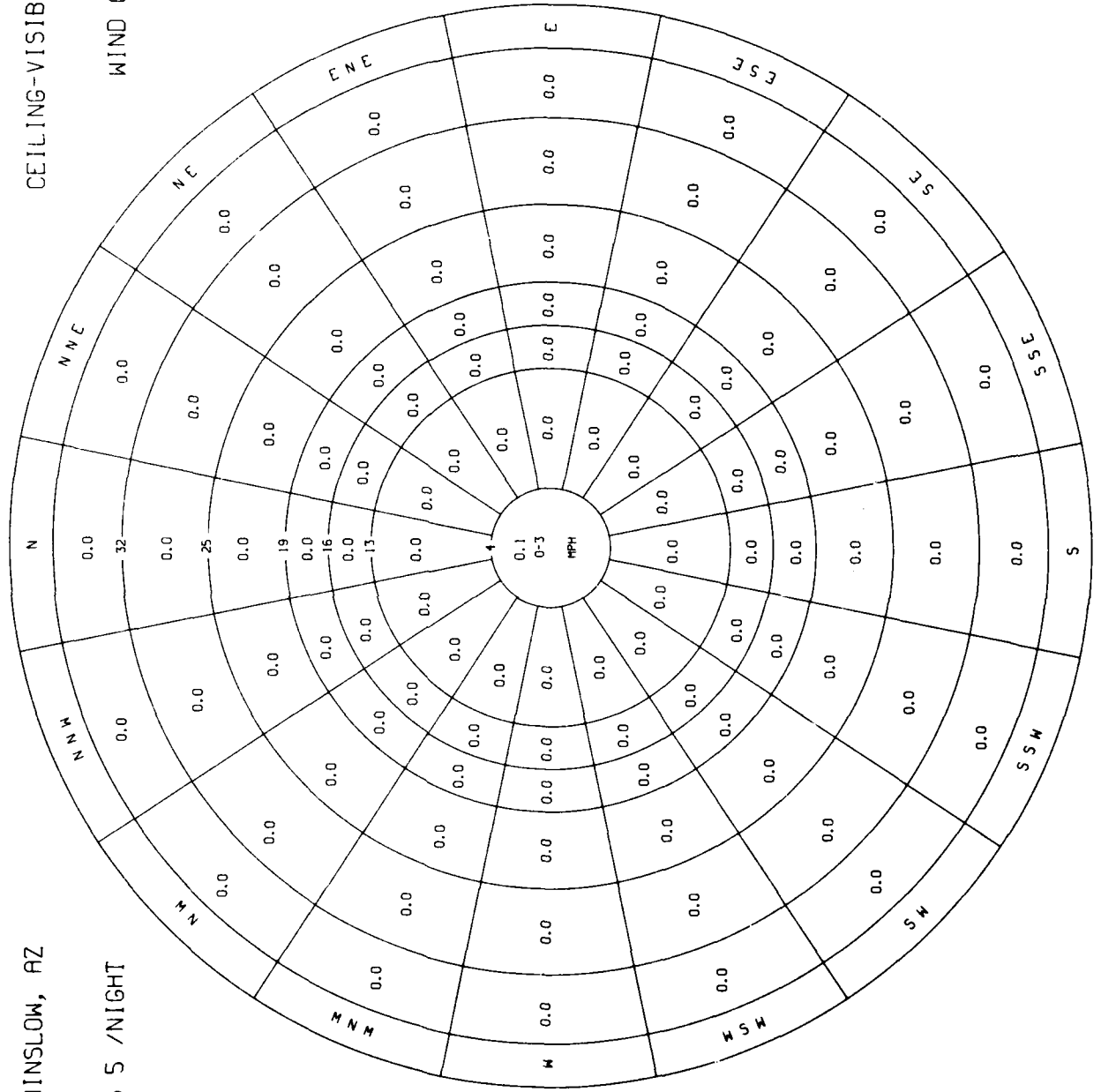
STATION NUMBER: 23194

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95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.0	7.6	.0	1.5	.0	.0	.0	1.5	.0	.0	.0	.0	.0	10.6	8.9
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.0
ENE	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.5
E	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	8.0
ESE	.0	1.5	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	7.0
SE	.0	1.5	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	8.7
SSE	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.0
S	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
SSW	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	16.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	49.2
WSW	.0	.0	.0	4.5	.0	.0	.0	.0	.0	.0	1.5	.0	.0	.0	.0	1.5	24.0
W	.0	.0	.0	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	12.2
MNW	.0	.0	.0	3.0	.0	1.5	.0	.0	.0	.0	1.5	.0	.0	.0	.0	6.1	6.7
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	11.7
NNW	.0	.0	.0	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	6.7
CALM	.0	28.8													.0	28.8	
TOTAL	.0	36.4		143.9		.0	4.5	.0	.0	.0	4.5	.0	1.5	.0	.0	1.1	9.5

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: INW WINSLOW, AZ

CLASS 5 / NIGHT

NO. OBS.: 83

STATION NUMBER: 23194

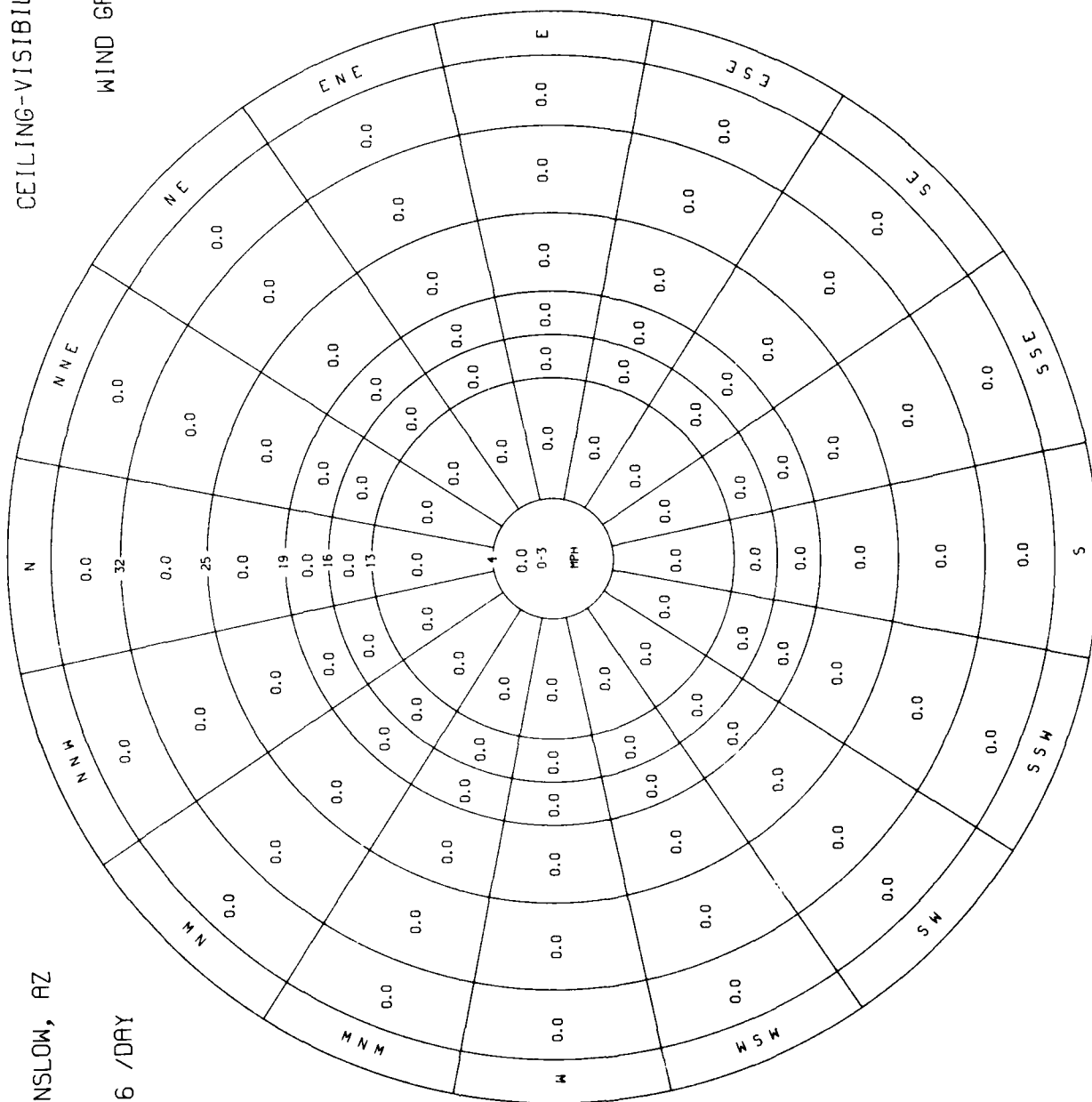
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																A	B
N	.0	3.6	.0	6.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	10.8	5.9	
NNE	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.0	
NE	.0	1.2	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	5.0	
ENE	.0	1.2	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.7	
E	.0	1.2	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	5.7	
ESE	.0	2.4	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	5.6	
SE	.0	1.2	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	5.7	
SSE	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.0	
S	.0	1.2	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	5.0	
SSW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	7.0	
SW	.0	.0	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	6.0	
WSW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.0	2.4	21.5	
W	.0	1.2	.0	1.2	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	3.6	8.3	
WNW	.0	.0	.0	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	6.6	
NW	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	1.2	.0	.0	3.6	12.7	
NNW	.0	2.4	.0	4.8	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	8.4	7.4	
CALM	.1	25.3													1	25.3	
TOTAL	.1	42.2	.1	51.8	.0	1.2	.0	2.4	.0	.0	.0	1.2	.0	1.2	.2	100	5.1

CEILING-VISIBILITY

WIND GRAPH

INW WINSLOW, AZ

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: INW WINSLOW, AZ

PERIOD: 1948-1978

CLASS 6 / DAY

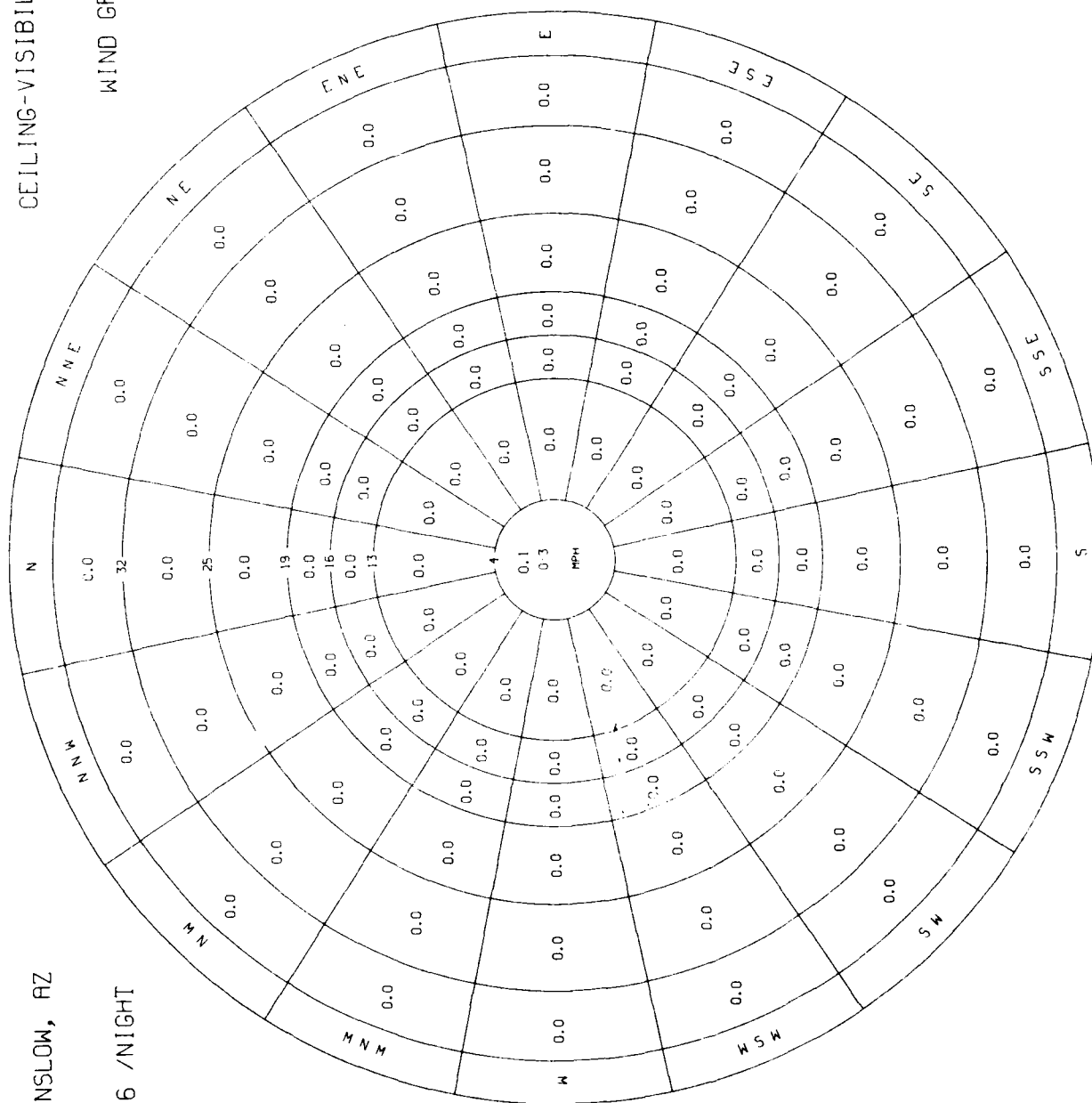
STATION NUMBER: 23194

NO. OBS.: 32

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.0	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	5.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	3.1	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	7.5
SE	.0	.0	.0	21.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.9	6.6
SSE	.0	3.1	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	4.0
S	.0	.0	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	5.0
SSW	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	26.5
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	46.0	15.0
WSW	.0	.0	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.0
W	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.0
WNW	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	8.0
NW	.0	.0	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	28.1													.0	28.1	
TOTAL	.0	37.5	.0	53.1	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	7.1

WIND GRAPH

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: INW WINSLOW, AZ

CLASS 6 / NIGHT

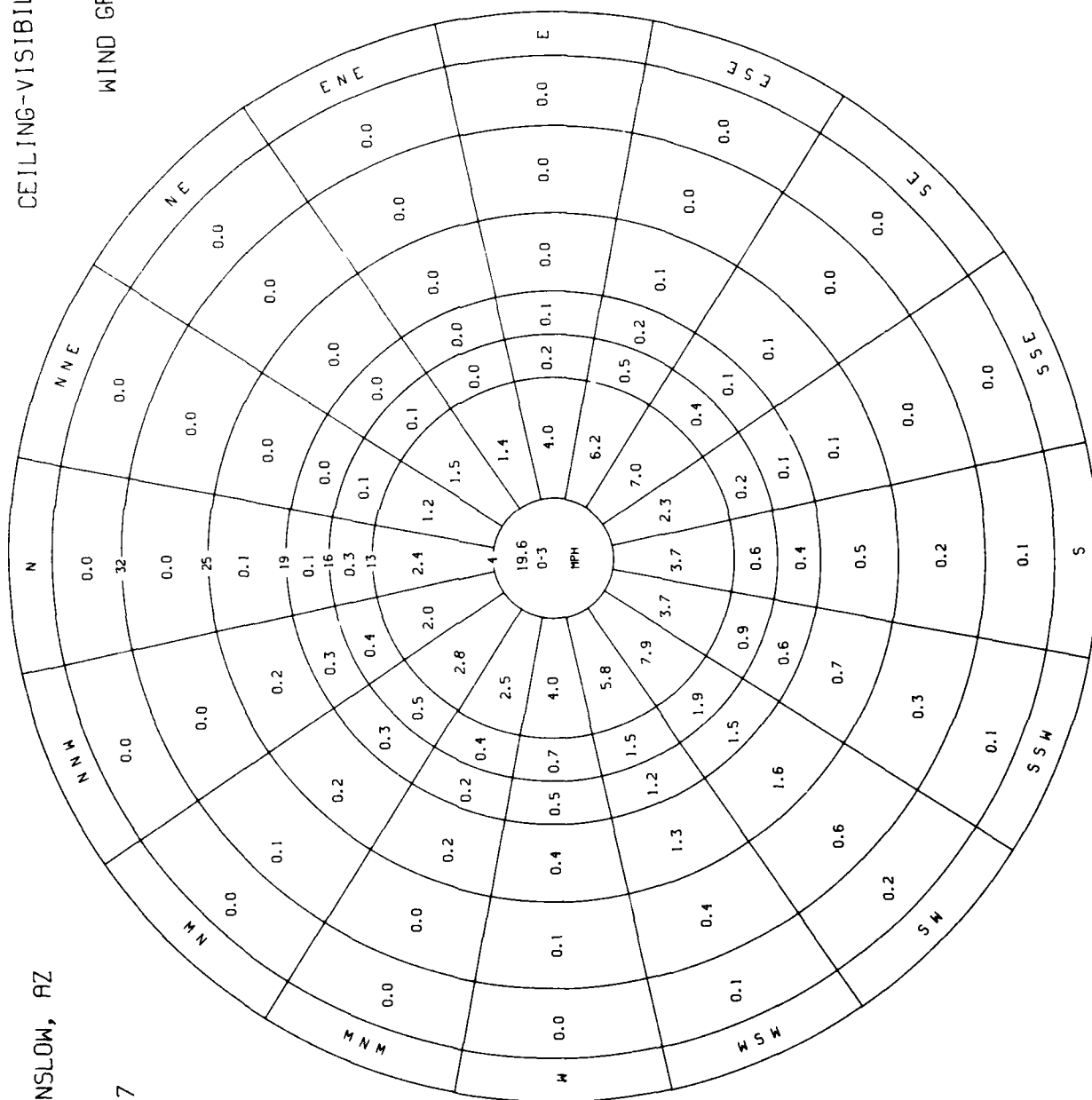
NO. OBS.: 80

STATION NUMBER: 23194

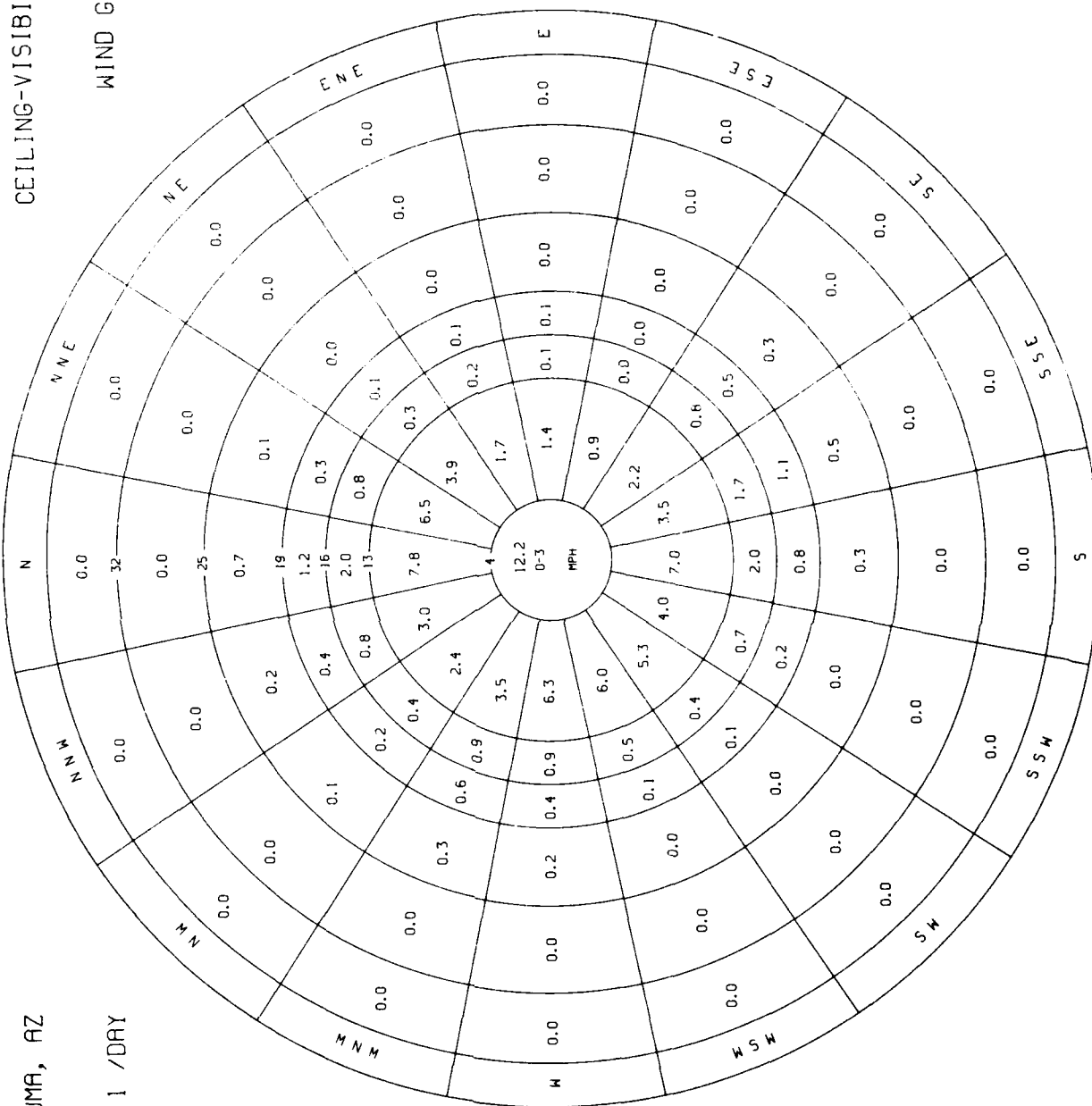
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	5.2	
NNE	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.5	
NE	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.0	
ENE	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	7.0	
E	.0	1.2	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.3	
ESE	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	7.0	
SE	.0	1.2	.0	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.2	5.7	
SSE	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.0	
S	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	5.2	
SSW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	7.0	
SW	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	8.5	
WSW	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.0	
W	.0	.0	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	5.3	
WNW	.0	.0	.0	6.3	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	8.7	8.3	
NW	.0	1.2	.0	6.3	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	8.7	8.0	
NNW	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	7.7	
CALM	.1	30.0												.1	30.0		
TOTAL	.1	35.0	.1	61.2	.0	2.5	.0	.0	.0	1.2	.0	.0	.0	.0	2	100	4.5

CEILING-VISIBILITY WIND GRAPH

INW WINSLOW, AZ
CLASS 7



CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: YUM YUMA, AZ

PERIOD: 1949-1978

CLASS 1 / DAY

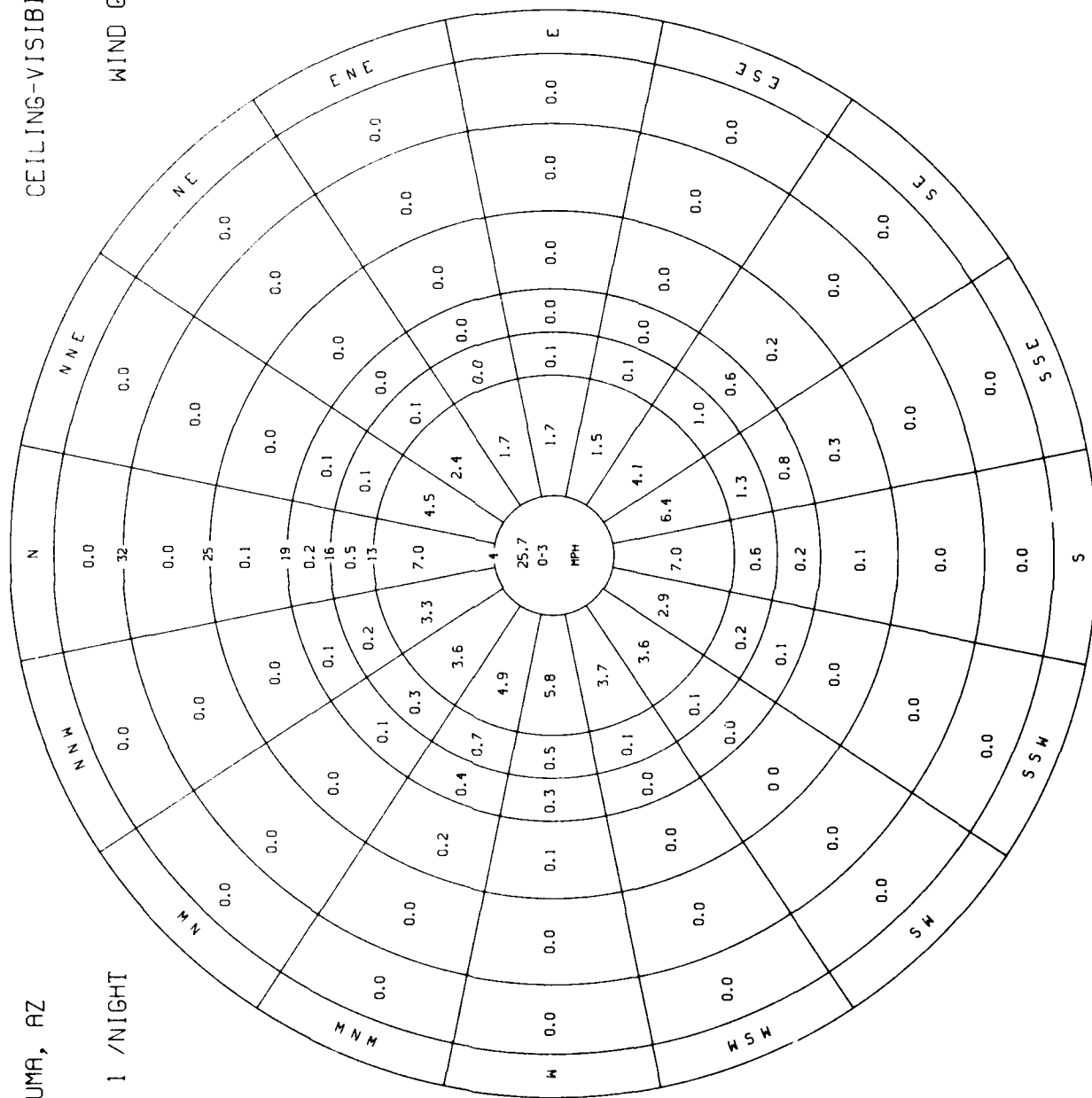
STATION NUMBER: 23195

NO. OBS.: 45291

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.8	.8	7.8	7.8	2.0	2.0	1.2	1.2	.7	.7	.0	.0	.0	.0	12.5	12.6	10.3
NNE	.7	.7	6.5	6.6	.8	.8	.3	.3	.1	.1	.0	.0	.0	.0	8.4	8.4	8.4
NE	.6	.6	3.9	4.0	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.9	5.0	7.6
ENE	.4	.4	1.7	1.7	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.4	2.4	7.4
E	.5	.5	1.4	1.4	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.1	2.1	7.0
ESE	.3	.3	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.2	6.6
SE	.3	.3	2.2	2.2	.8	.8	.5	.5	.3	.3	.0	.0	.0	.0	4.1	4.1	11.0
SSE	.3	.3	3.5	3.6	1.7	1.7	1.1	1.1	.5	.5	.0	.0	.0	.0	7.2	7.3	12.0
S	.6	.6	7.0	7.0	2.0	2.0	.8	.9	.3	.3	.0	.0	.0	.0	10.7	10.8	10.3
SSW	.4	.4	4.0	4.0	.7	.8	.2	.2	.0	.0	.0	.0	.0	.0	5.4	5.4	9.0
SW	.6	.6	5.3	5.4	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	6.4	6.4	7.9
WSW	.4	.4	6.0	6.0	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	7.0	7.1	8.2
W	.6	.6	6.3	6.4	.9	.9	.4	.4	.2	.2	.0	.0	.0	.0	8.5	8.6	9.1
WNW	.4	.4	3.5	3.5	.9	.9	.6	.6	.3	.3	.0	.0	.0	.0	5.6	5.6	10.3
NW	.4	.4	2.4	2.5	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	3.5	3.6	9.0
NNW	.4	.4	3.0	3.0	.8	.8	.4	.4	.2	.2	.0	.0	.0	.0	4.8	4.8	10.0
CALM	4.6	4.6													4.6	4.6	
TOTAL	12.2	12.2	65.4	65.8	12.5	12.6	6.2	6.3	2.9	2.9	.2	.2	.0	.0	99.4	100	9.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: YUM YUMA, AZ

CLASS 1 / NIGHT

NO. OBS.: 41856

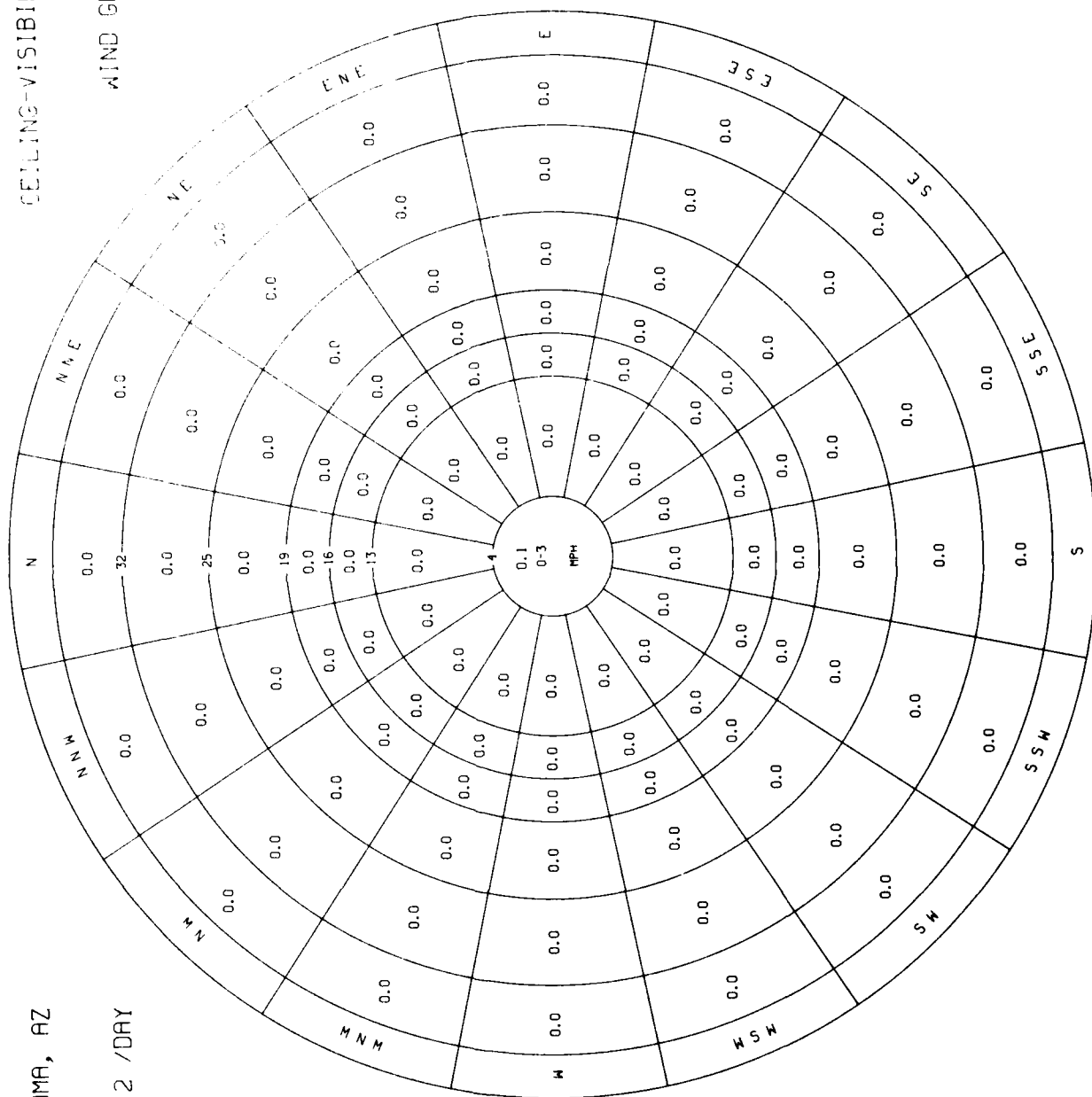
STATION NUMBER: 23195

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.9	.9	7.0	7.0	.5	.5	.2	.2	.1	.1	.0	.0	.0	.0	8.8	8.8	7.6
NNE	.8	.8	4.5	4.5	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	5.5	5.6	6.5
NNE	.8	.8	2.4	2.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.2	5.9
NE	.5	.5	1.7	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	2.4	5.8
ENE	.8	.8	1.7	1.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.6	2.6	5.7
E	.4	.4	1.5	1.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0	6.5
ESE	.5	.5	4.1	4.1	1.0	1.0	.6	.6	.2	.2	.0	.0	.0	.0	6.5	6.5	10.1
SE	.5	.5	6.4	6.4	1.3	1.3	.8	.8	.3	.3	.0	.0	.0	.0	9.3	9.4	10.0
SSE	1.1	1.1	7.0	7.0	.6	.6	.2	.2	.1	.1	.0	.0	.0	.0	8.9	8.9	7.4
S	.6	.6	2.9	2.9	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.8	3.8	6.8
SSW	.9	.9	3.6	3.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.5	4.6	6.0
SW	.7	.7	3.7	3.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.5	4.6	6.3
WSW	.7	.7	5.8	5.8	.5	.5	.3	.3	.1	.1	.0	.0	.0	.0	7.5	7.5	8.0
W	.6	.6	4.9	4.9	.7	.7	.4	.4	.2	.2	.0	.0	.0	.0	6.8	6.8	8.9
WNW	.6	.6	3.6	3.6	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.6	4.6	7.4
NW	.5	.5	3.3	3.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.1	4.1	7.5
NNW	14.7	14.7			5.8	5.8	2.8	2.8	1.2	1.2	.1	.1	.0	.0	14.7	14.7	
CALM	25.7	25.8	64.1	64.3											99.7	100	6.6
TOTAL																	

135

CELLING-VISIBILITY WIND GRAPH

YUM YUMA, AZ
CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: YUM YUMA, AZ

PERIOD: 1949-1978

CLASS 2 / DAY

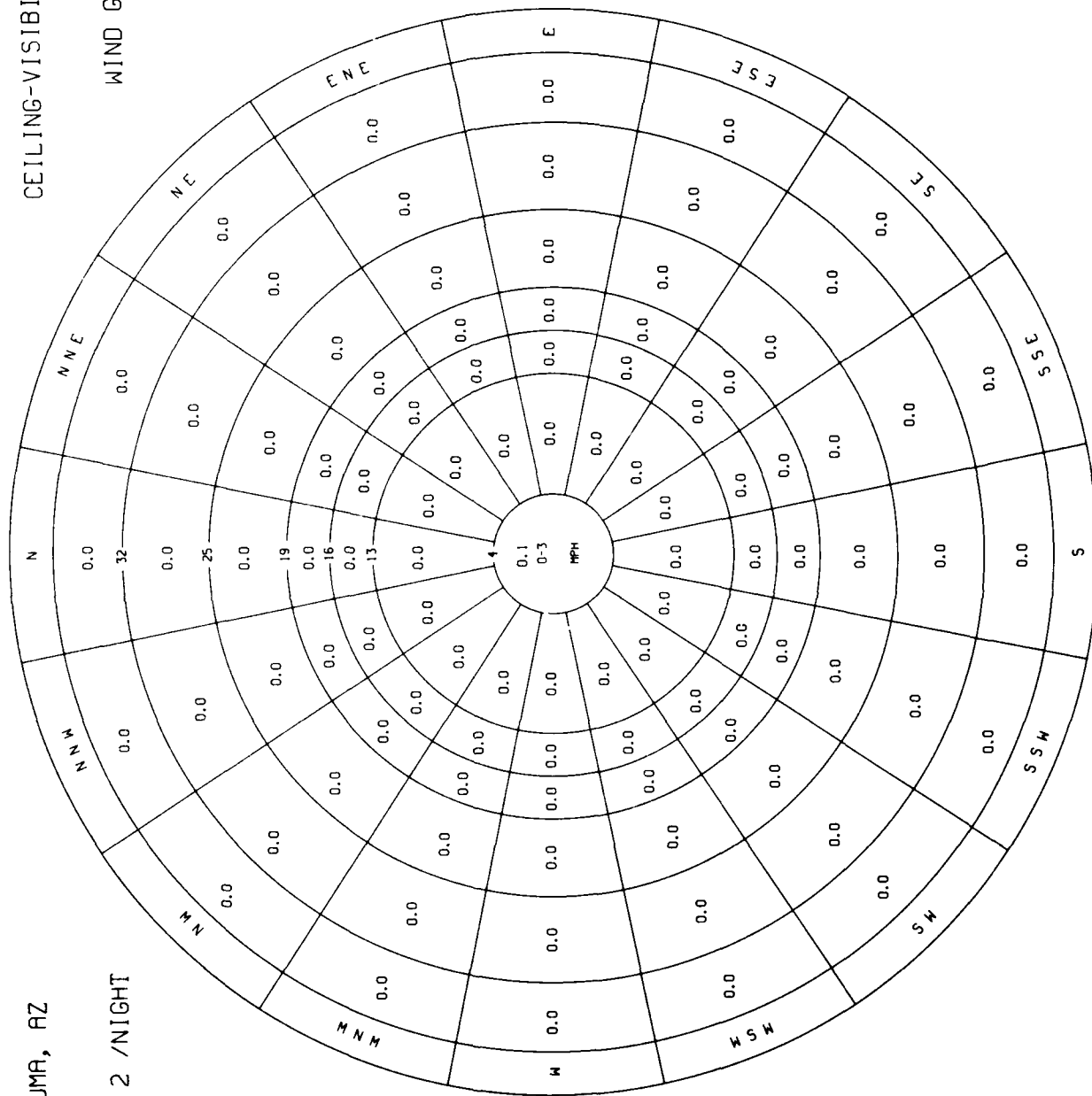
STATION NUMBER: 23195

NO. OBS.: 263

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.4	.0	3.0	.0	.8	.0	.8	.0	4.9	.0	6.1	.0	.8	.1 16.7
NNE	.0	.0	.0	2.3	.0	.4	.0	.0	.0	1.9	.0	.8	.0	.0	.0 5.3
NNE	.0	.4	.0	1.9	.0	.0	.0	.0	.0	.4	.0	.4	.0	.0	.0 3.0
ENE	.0	.0	.0	1.9	.0	.0	.0	.8	.0	.4	.0	.0	.0	.0	.0 3.0
E	.0	.4	.0	.8	.0	.4	.0	.4	.0	.4	.0	.4	.0	.0	.0 2.7
ESE	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .4
SE	.0	.0	.0	1.1	.0	1.1	.0	.0	.0	.4	.0	.8	.0	.0	.0 3.4
SSE	.0	.0	.0	.0	.0	.4	.0	.0	.0	1.9	.0	.0	.0	.0	.0 2.3
S	.0	.0	.0	1.9	.0	.4	.0	.4	.0	.8	.0	.4	.0	.4	.0 4.2
SSW	.0	.0	.0	.4	.0	.4	.0	.0	.0	.4	.0	.4	.0	.0	.0 1.5
SW	.0	1.1	.0	1.1	.0	.8	.0	.0	.0	.8	.0	.4	.0	.0	.0 4.2
WSW	.0	.0	.0	1.1	.0	.0	.0	.4	.0	.8	.0	.8	.0	.0	.0 3.0
W	.0	1.1	.0	2.3	.0	1.5	.0	2.7	.0	5.7	.0	5.3	.0	.4	.1 19.0
WNW	.0	.0	.0	3.0	.0	1.9	.0	2.3	.0	4.9	.0	3.4	.0	1.5	.1 17.1
NW	.0	.8	.0	1.5	.0	.0	.0	.4	.0	.8	.0	.0	.0	.0	.0 3.4
NNW	.0	.0	.0	.8	.0	.0	.0	.8	.0	2.3	.0	1.9	.0	.8	.0 6.5
CALM	.0	4.2													.0 4.2
TOTAL	.1	8.7	.1	23.2	.0	8.0	.1	8.7	.2	26.6	.1	20.9	.0	3.8	.6 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: YUM YUMA, AZ

PERIOD: 1949-1978

CLASS 2 / NIGHT

STATION NUMBER: 23195

NO. OBS.: 125

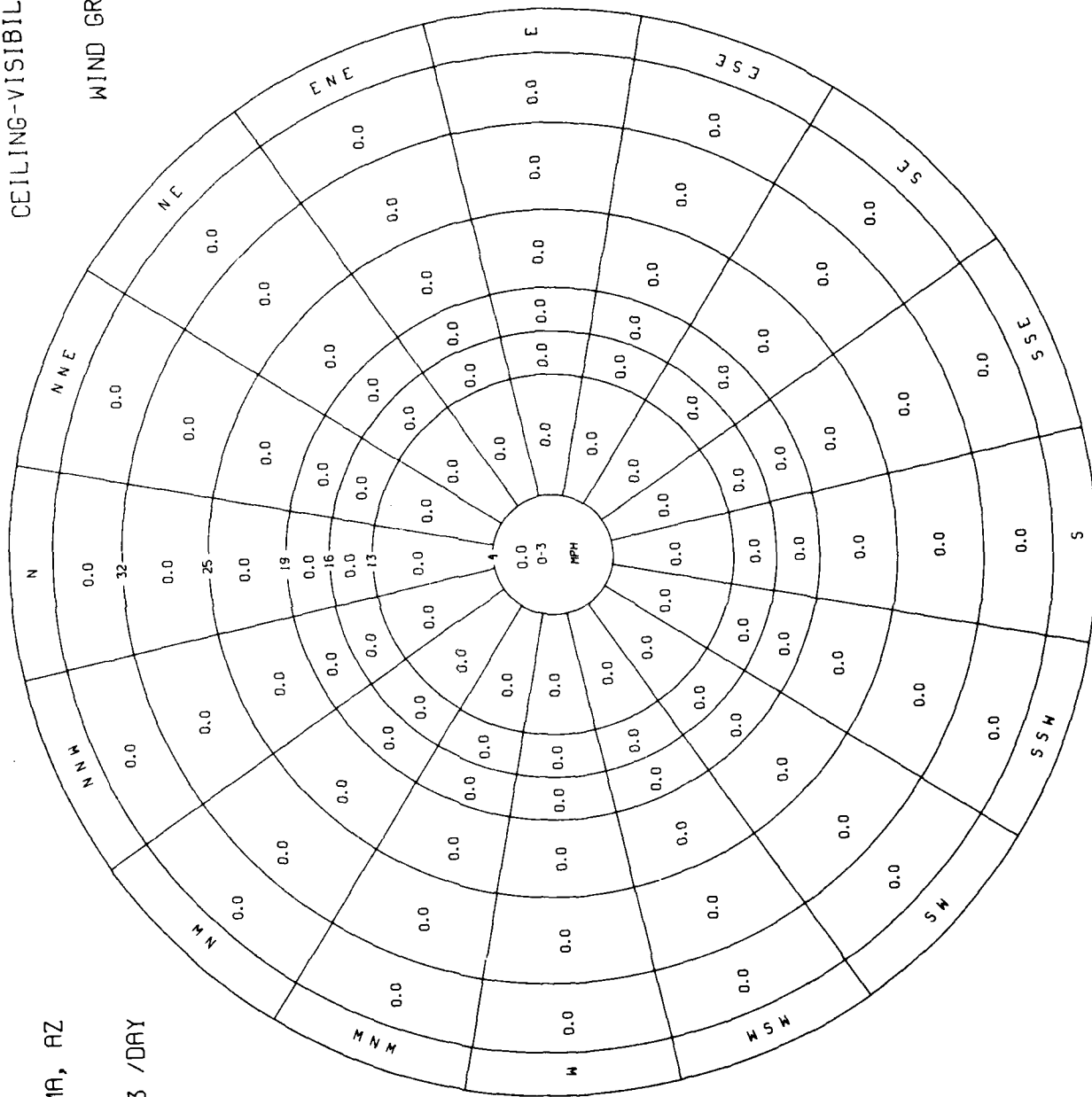
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.6	.0	7.2	.0	.0	.0	.8	.0	2.4	.0	2.4	.0	.0	.0 14.4
NNE	.0	.0	.0	4.0	.0	.8	.0	.8	.0	.8	.0	.0	.0	.0	.0 6.4
NE	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
ENE	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
E	.0	.8	.0	.8	.0	.0	.0	.8	.0	2.4	.0	.8	.0	.0	.0 5.6
ESE	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
SE	.0	.8	.0	1.6	.0	.0	.0	.0	.0	1.6	.0	.0	.0	.0	.0 4.0
SSE	.0	.0	.0	3.2	.0	.8	.0	.8	.0	4.0	.0	2.4	.0	.8	.0 12.0
S	.0	.8	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.2
SSW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
SW	.0	.8	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.0
WSW	.0	.0	.0	3.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.0
W	.0	1.6	.0	4.0	.0	1.6	.0	.8	.0	3.2	.0	3.2	.0	.0	.0 14.4
WNW	.0	.0	.0	1.6	.0	1.6	.0	1.6	.0	5.6	.0	1.6	.0	.0	.0 12.0
NW	.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0 1.6
NNW	.0	.8	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0 4.0
CALM	.0	12.0													.0 12.0
TOTAL	.1	21.6	.1	33.6	.0	5.6	.0	7.2	.1	20.0	.0	10.4	.0	1.6	.3 100
															12.5

CEILING-VISIBILITY

WIND GRAPH

YUM YUMA, AZ

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: YUM YUMA, AZ

PERIOD: 1949-1978

CLASS 3 / DAY

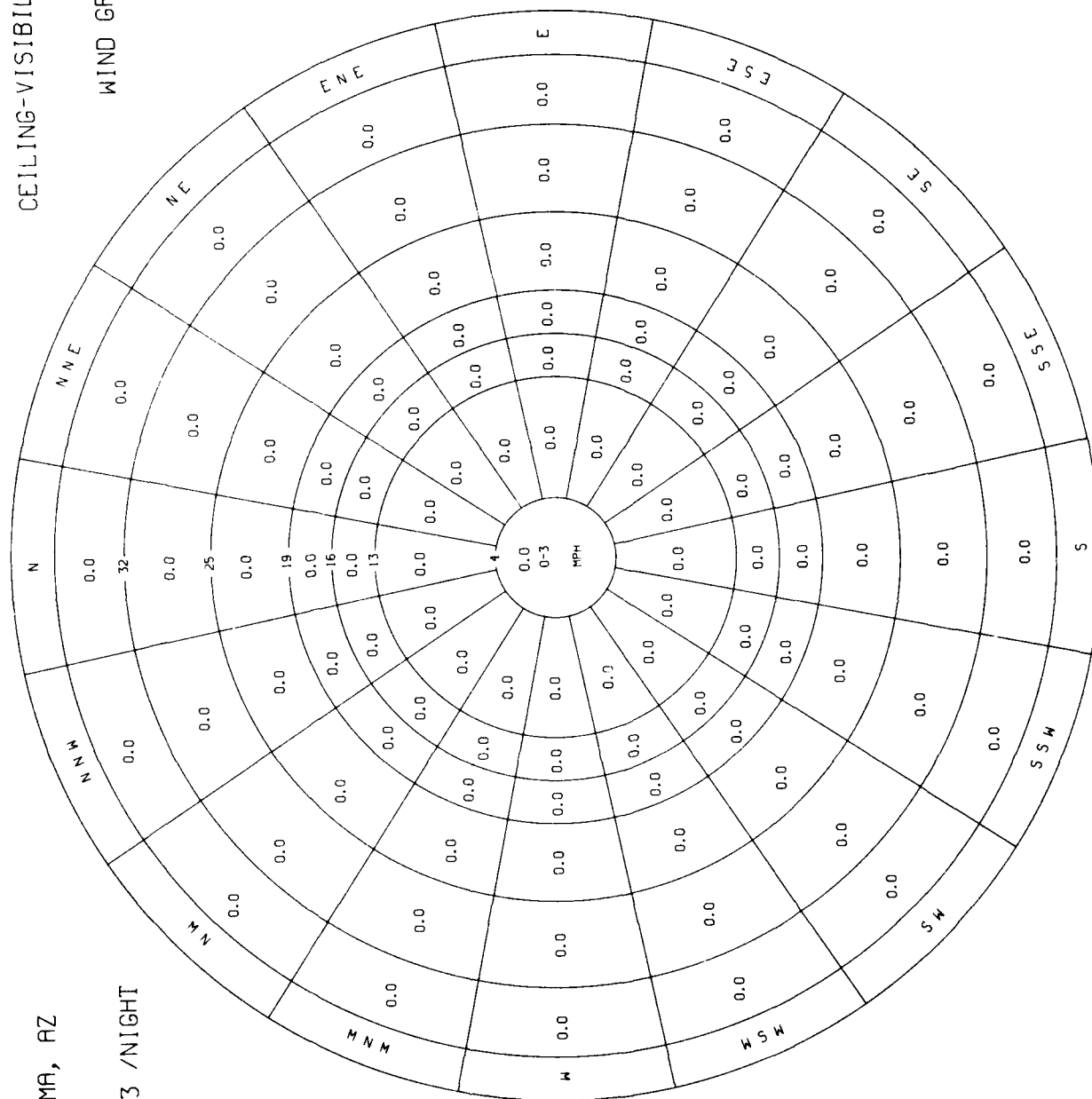
STATION NUMBER: 23195

NO. OBS.: 196

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.5	.0	3.6	.0	1.0	.0	.5	.0	5.6	.0	5.6	.0	.5	.1 17.3
NNE	.0	.0	.0	1.5	.0	.5	.0	.0	.0	2.0	.0	1.0	.0	.0	.0 5.1
NNE	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0 2.6
ENE	.0	.0	.0	2.0	.0	.0	.0	1.0	.0	.5	.0	.0	.0	.0	.0 3.6
E	.0	.5	.0	1.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0 2.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
SE	.0	.0	.0	1.0	.0	1.0	.0	.0	.0	.5	.0	1.0	.0	.0	.0 3.6
SSE	.0	.0	.0	.0	.0	.5	.0	.0	.0	2.0	.0	.0	.0	.0	.0 2.6
S	.0	.0	.0	2.0	.0	.5	.0	.5	.0	.0	.0	.0	.0	.5	.0 3.6
SSW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0 1.0
SW	.0	.5	.0	1.0	.0	1.0	.0	.0	.0	.5	.0	.0	.0	.0	.0 3.1
WSW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.5	.0	1.0	.0	.0	.0 3.1
W	.0	1.0	.0	2.0	.0	1.5	.0	3.6	.0	6.6	.0	4.6	.0	.5	.1 19.9
WNW	.0	.0	.0	3.6	.0	2.0	.0	3.1	.0	5.6	.0	4.1	.0	1.0	.1 19.4
NW	.0	.5	.0	2.0	.0	.0	.0	.5	.0	1.0	.0	.0	.0	.0	.0 4.1
NNW	.0	.0	.0	1.0	.0	.0	.0	1.0	.0	2.0	.0	2.0	.0	.0	.0 6.1
CALM	.0	3													.0 3.1
TOTAL	.0	6.1	.1	25.0	.0	8.2	.0	10.7	.1	28.1	.1	19.4	.0	2.6	.4 100
															17.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: YUM YUMA, AZ

CLASS 3 / NIGHT

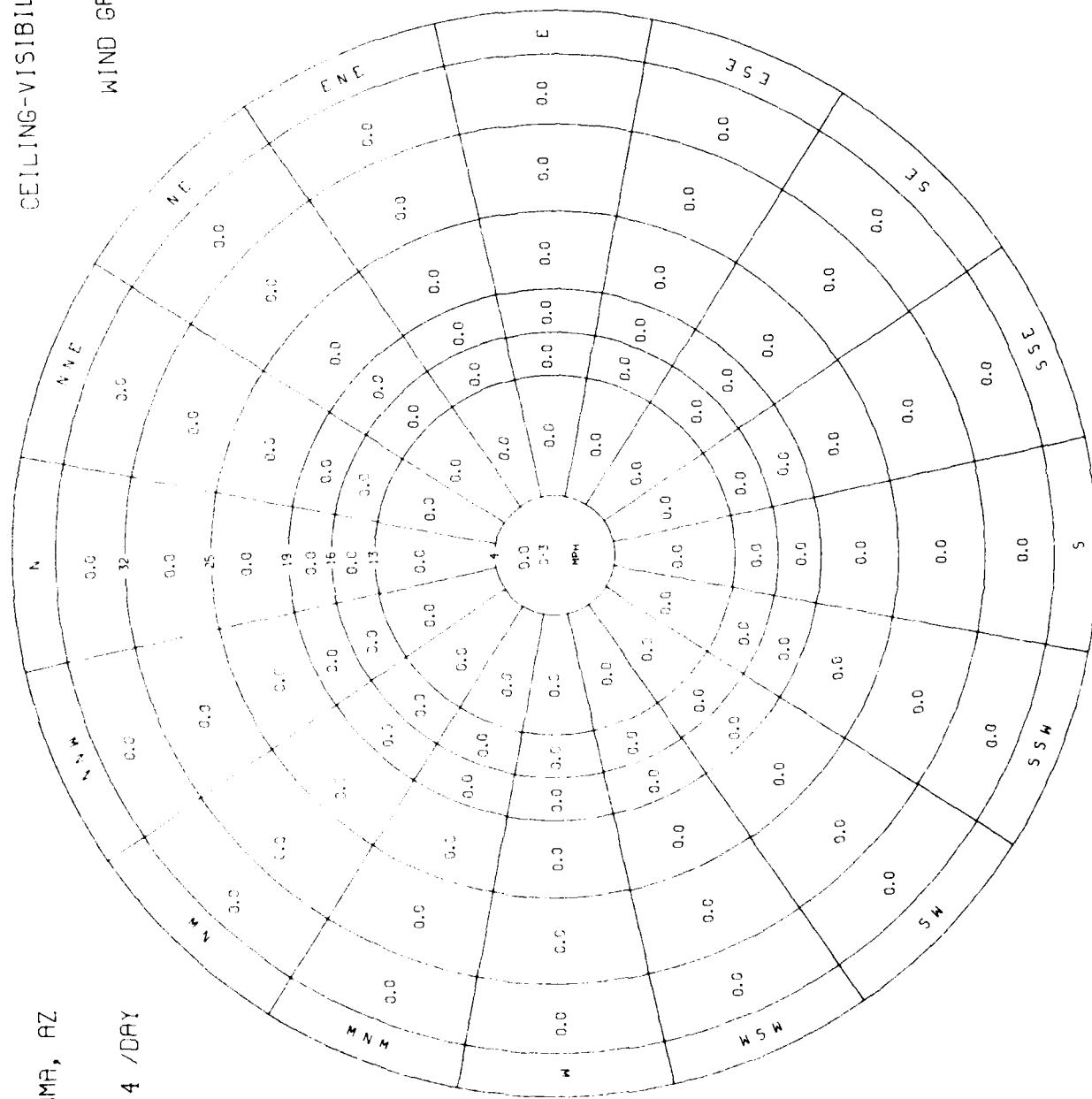
NO. OBS.: 94

STATION NUMBER: 23195

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																A	B
N	.0	1.1	.0	4.3	.0	.0	.0	1.1	.0	2.1	.0	3.2	.0	.0	.0	11.7	15.7
NNE	.0	.0	.0	5.3	.0	1.1	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	8.5	10.9
NENE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	10.0
ENE	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.0
E	.0	.0	.0	1.1	.0	.0	.0	1.1	.0	3.2	.0	1.1	.0	.0	.0	6.4	19.3
ESE	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.0
SE	.0	1.1	.0	2.1	.0	.0	.0	.0	.0	2.1	.0	.0	.0	.0	.0	5.3	14.2
SSE	.0	.0	.0	4.3	.0	.0	.0	1.1	.0	3.2	.0	2.1	.0	.0	.0	10.6	17.4
S	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.0
SSW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	6.0
SW	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.0
WSW	.0	.0	.0	4.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	8.4
W	.0	2.1	.0	4.3	.0	2.1	.0	1.1	.0	4.3	.0	3.2	.0	.0	.0	17.0	15.6
WNW	.0	.0	.0	2.1	.0	2.1	.0	2.1	.0	7.4	.0	2.1	.0	.0	.0	16.0	18.6
NW	.0	.0	.0	.0	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	2.1	16.5
NNW	.0	1.1	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.3	11.8
CALM	.0	4.3														4.3	
TOTAL	.0	12.8	.1	35.1	.0	6.4	.0	9.6	.1	23.4	.0	11.7	.0	1.1	.2	100	14.0

YUM YUMA, AZ

CLASS 4 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: YUM YUMA, AZ

PERIOD: 1949-1978

CLASS 4 / DAY

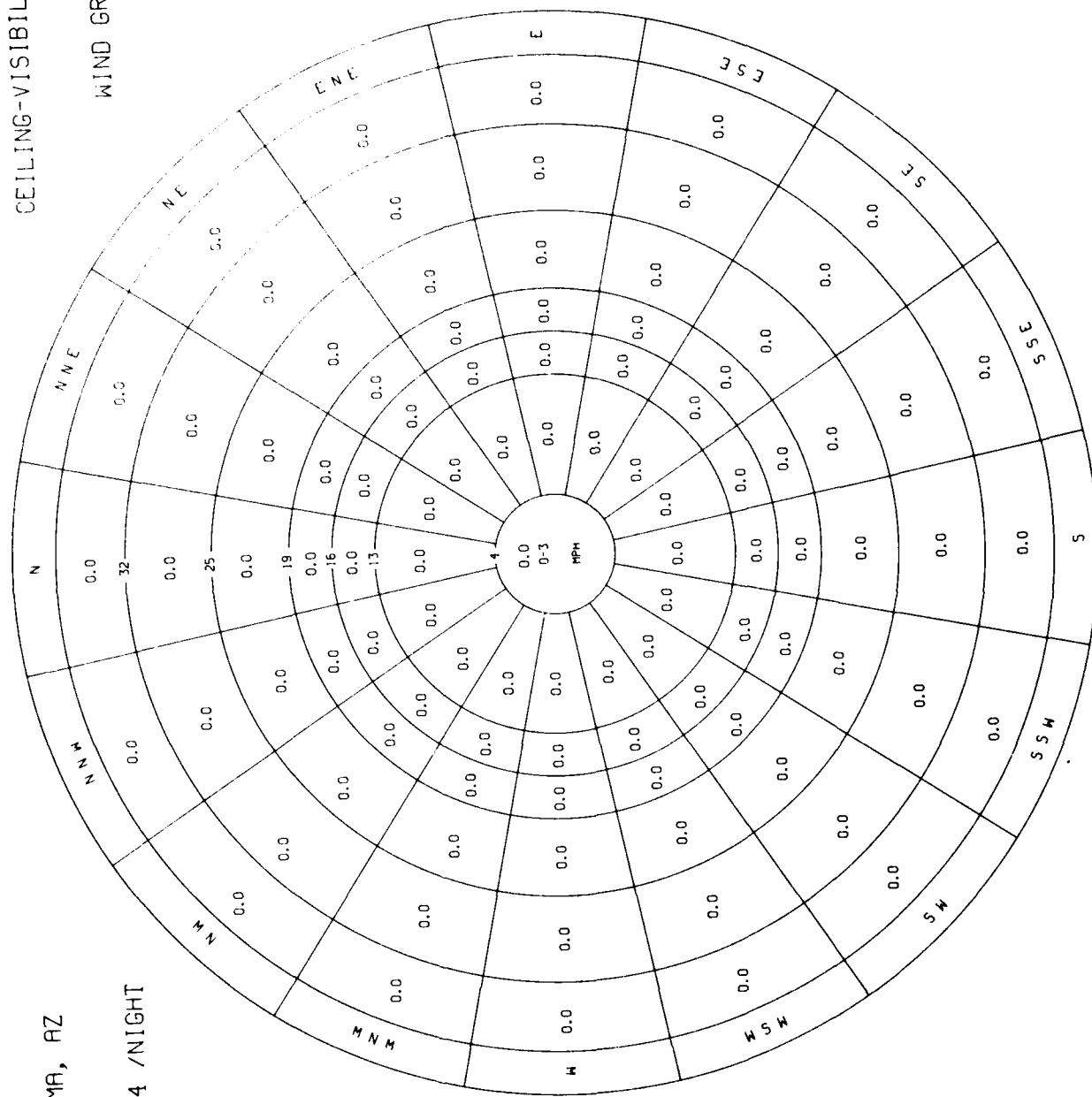
STATION NUMBER: 23195

NO. OBS.: 32

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	.0	9.4	.0	3.1	.0 18.8
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	.0	.0	.0	.0	.0 3.1
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	.0	.0	.0	.0	.0 3.1
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
SE	.0	.0	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	.0	.0	.0	.0	.0 3.1
S	.0	.0	.0	3.1	.0	.0	.0	.0	.0	3.1	.0	.0	.0	.0	.0 6.3
SSW	.0	.0	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
WSW	.0	.0	.0	.0	.0	.0	.0	3.1	.0	.0	.0	.0	.0	.0	.0 .0
W	.0	.0	.0	3.1	.0	3.1	.0	.0	.0	3.1	.0	9.4	.0	.0	.0 18.8
WNW	.0	.0	.0	3.1	.0	3.1	.0	.0	.0	6.3	.0	3.1	.0	3.1	.0 18.8
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	.0	3.1	.0	3.1	.0 12.5
CALM	.0	6.3													.0 6.3
TOTAL	.0	6.3	.0	9.4	.0	12.5	.0	3.1	.0	34.4	.0	25.0	.0	9.4	.1 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: YUM YUMA, AZ

PERIOD: 1949-1978

CLASS 4 / NIGHT

STATION NUMBER: 23195

NO. OBS.: 9

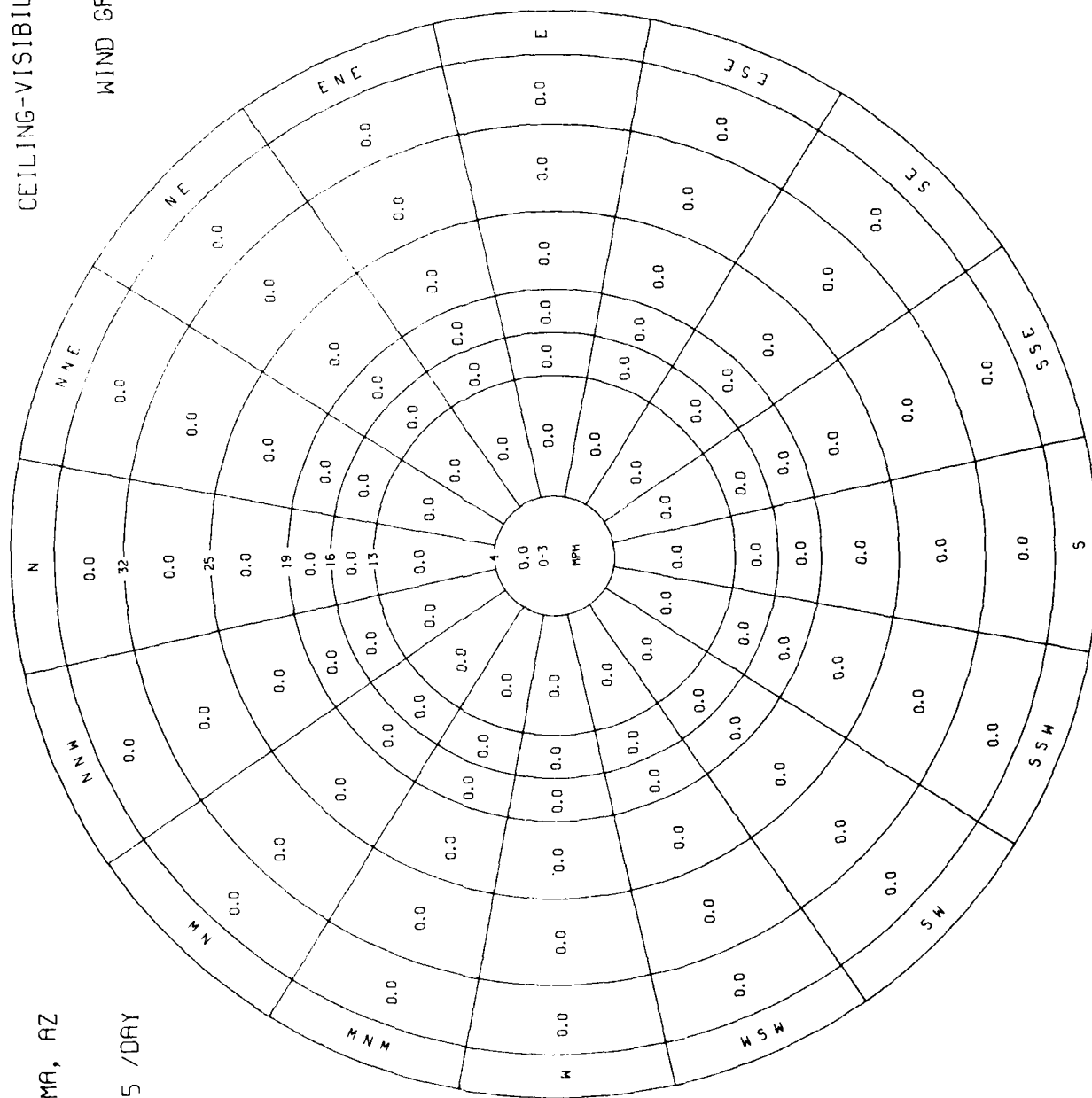
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 11.1
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0 11.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 11.1
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0 11.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 22.2
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 11.1
SW	.0	.0	.0 11.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 11.1
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0 22.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	.0 33.3	.0	.0 22.2	.0	.0	.0	.0	.0	.0 22.2	.0	.0 22.2	.0	.0	.0	.0 22.2
															.0 100
															12.9

CEILING-VISIBILITY

WIND GRAPH

YUM YUMA, AZ

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: YUM YUMA, AZ

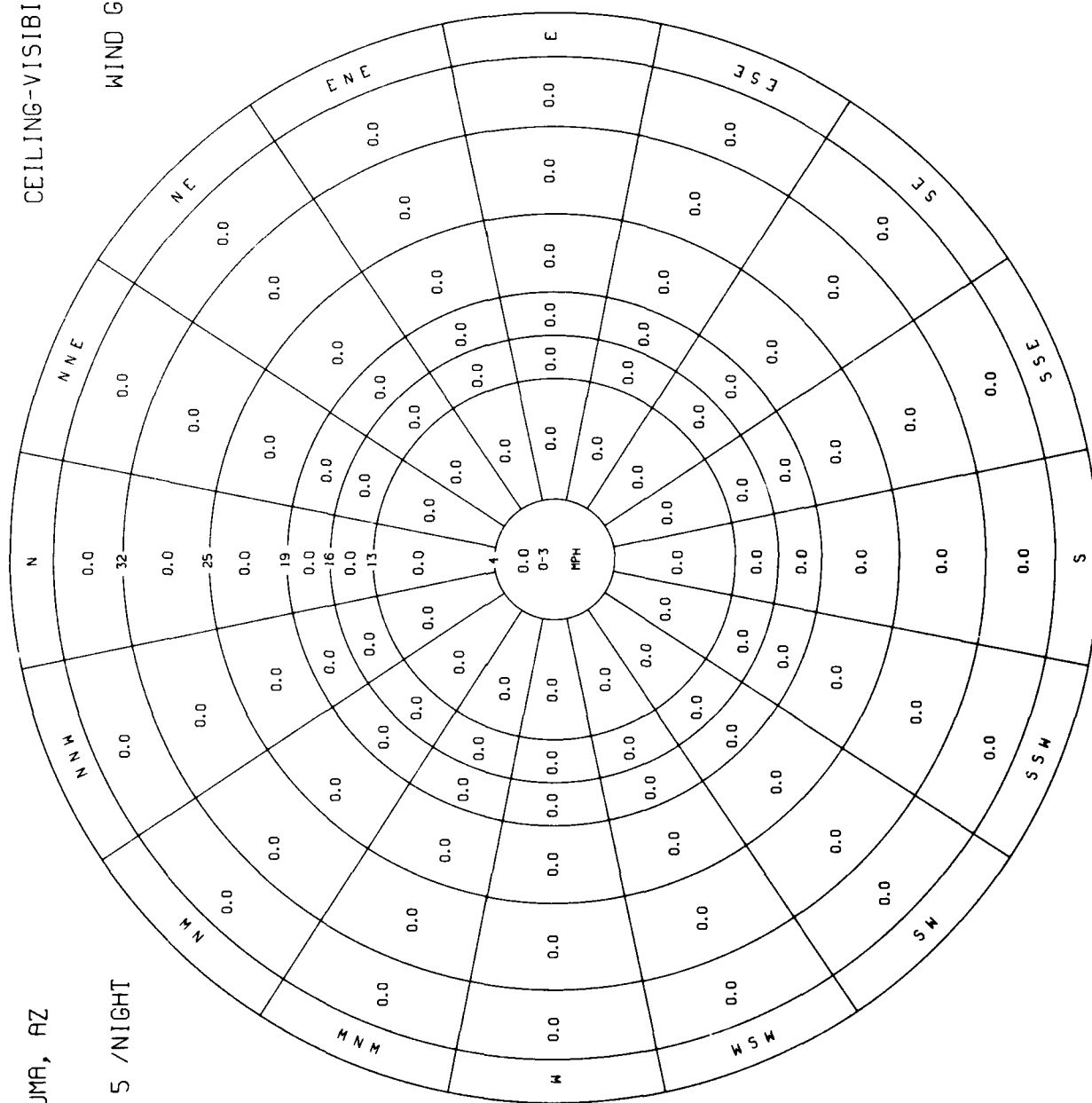
CLASS 5 / DAY

NO. OBS.: 18

STATION NUMBER: 23195

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	5.6	.0	.0	.0	5.6	.0	.0	.0	11.1	.0	.0	.0	22.2	20.5
NNE	.0	.0	.0	11.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	6.0
NE	.0	.0	.0	5.6	.0	.0	.0	.0	.0	.0	.0	5.6	.0	.0	.0	11.1	17.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	1.0
ESE	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	21.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	.0	.0	.0	.0	.0	5.6	24.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	.0	11.1	.0	.0	.0	16.7	24.7
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	.0	5.6	33.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	3.0
NW	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	15.8
CALM	.0	11.1	.0	.0	.0	.0	.0	5.6	.0	16.7	.0	27.8	.0	5.6	.0	100	
TOTAL	.0	22.2	.0	22.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	

YUM YUMA, AZ
CLASS 5 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: YUM YUMA, AZ

PERIOD: 1949-1978

CLASS 5 / NIGHT

STATION NUMBER: 23195

NO. OBS.: 11

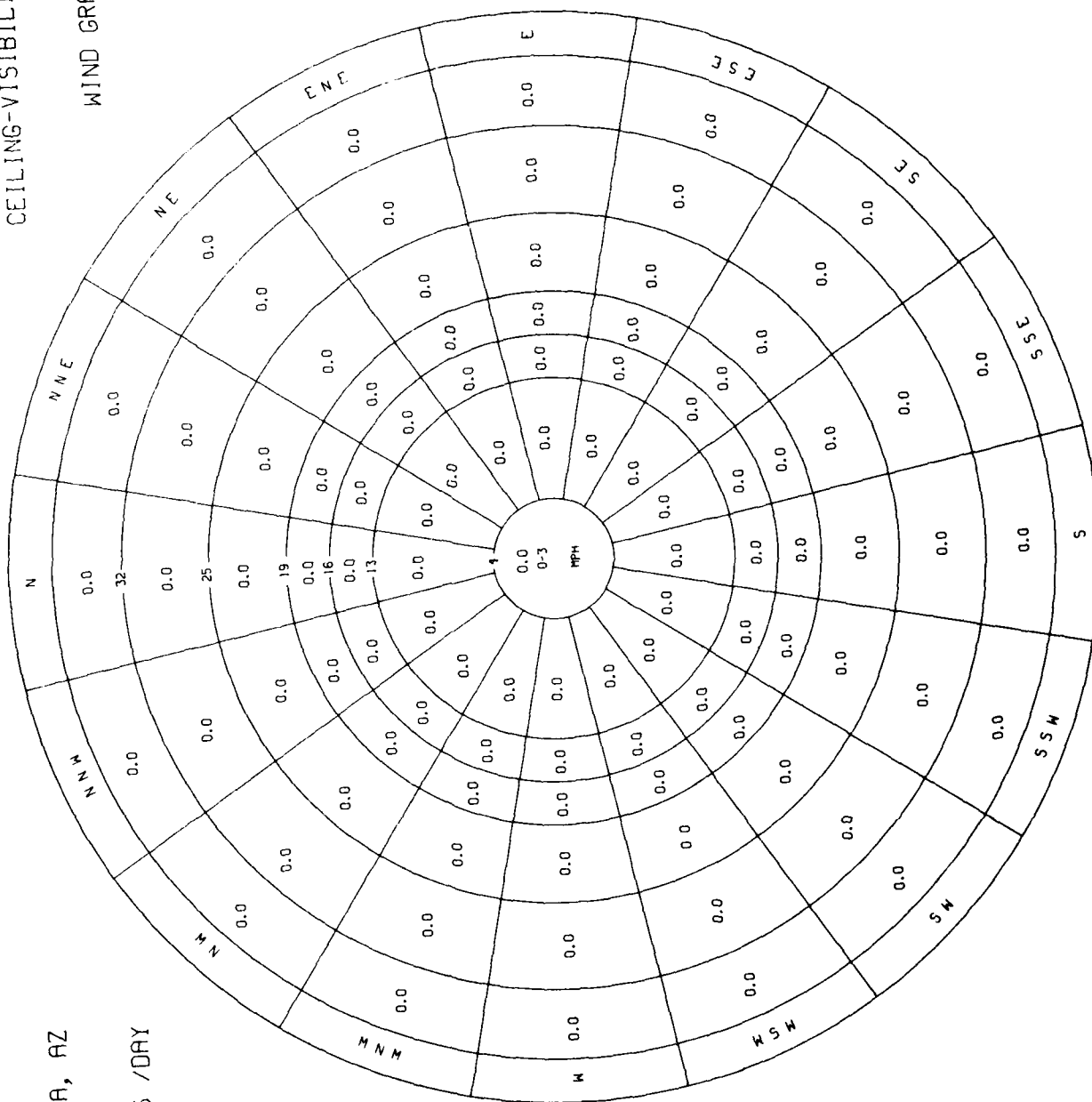
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.0	.0	36.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	36.4	6.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1	.0	.0	.0	.0	9.1	23.0
S	.0	9.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1	3.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	45.5														45.5	
TOTAL	.0	54.5	.0	36.4	.0	.0	.0	.0	.0	9.1	.0	.0	.0	.0	.0	45.5	4.6

CEILING-VISIBILITY

WIND GRAPH

YUM YUMA, AZ

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: YUM YUMA, AZ

PERIOD: 1949-1978

CLASS 6 / DAY

STATION NUMBER: 23195

NO. OBS.: 17

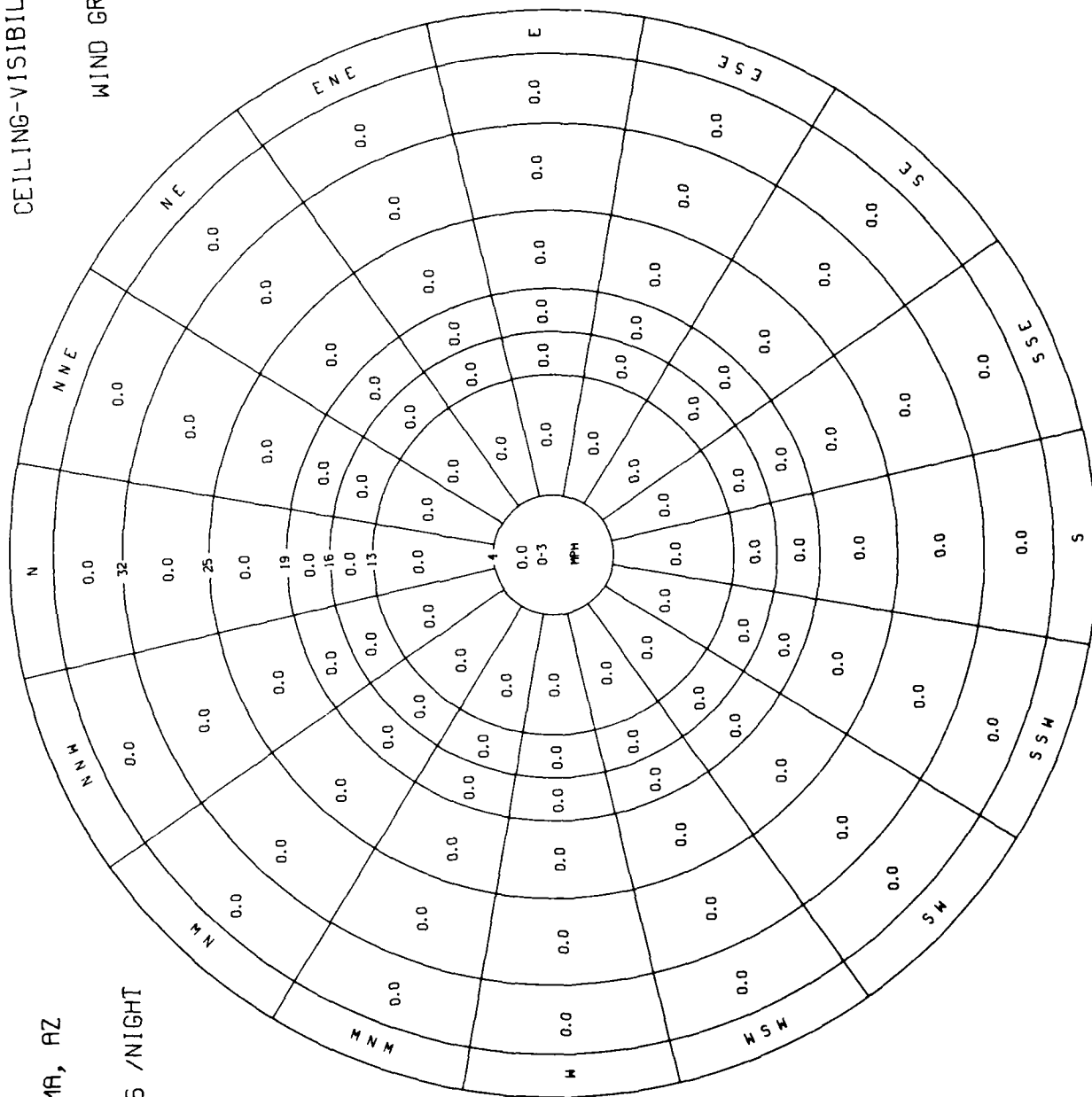
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0
NE	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
ENE	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0
E	.0	.0	.0	.0	.0	5.9	.0	.0	.0	.0	.0	5.9	.0	.0	22.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	.0	5.9	.0	.0	25.5
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	.0	.0	31.0
SW	.0	11.8	.0	5.9	.0	.0	.0	.0	.0	.0	.0	5.9	.0	.0	10.2
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	5.9	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	32.0
CALM	.0	5.9													.0
TOTAL	.0	29.4	.0	29.4	.0	5.9	.0	.0	.0	5.9	.0	23.5	.0	5.9	13.9

CEILING-VISIBILITY

WIND GRAPH

YUM YUMA, AZ

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: YUM YUMA, AZ

PERIOD: 1949-1978

CLASS 6 / NIGHT

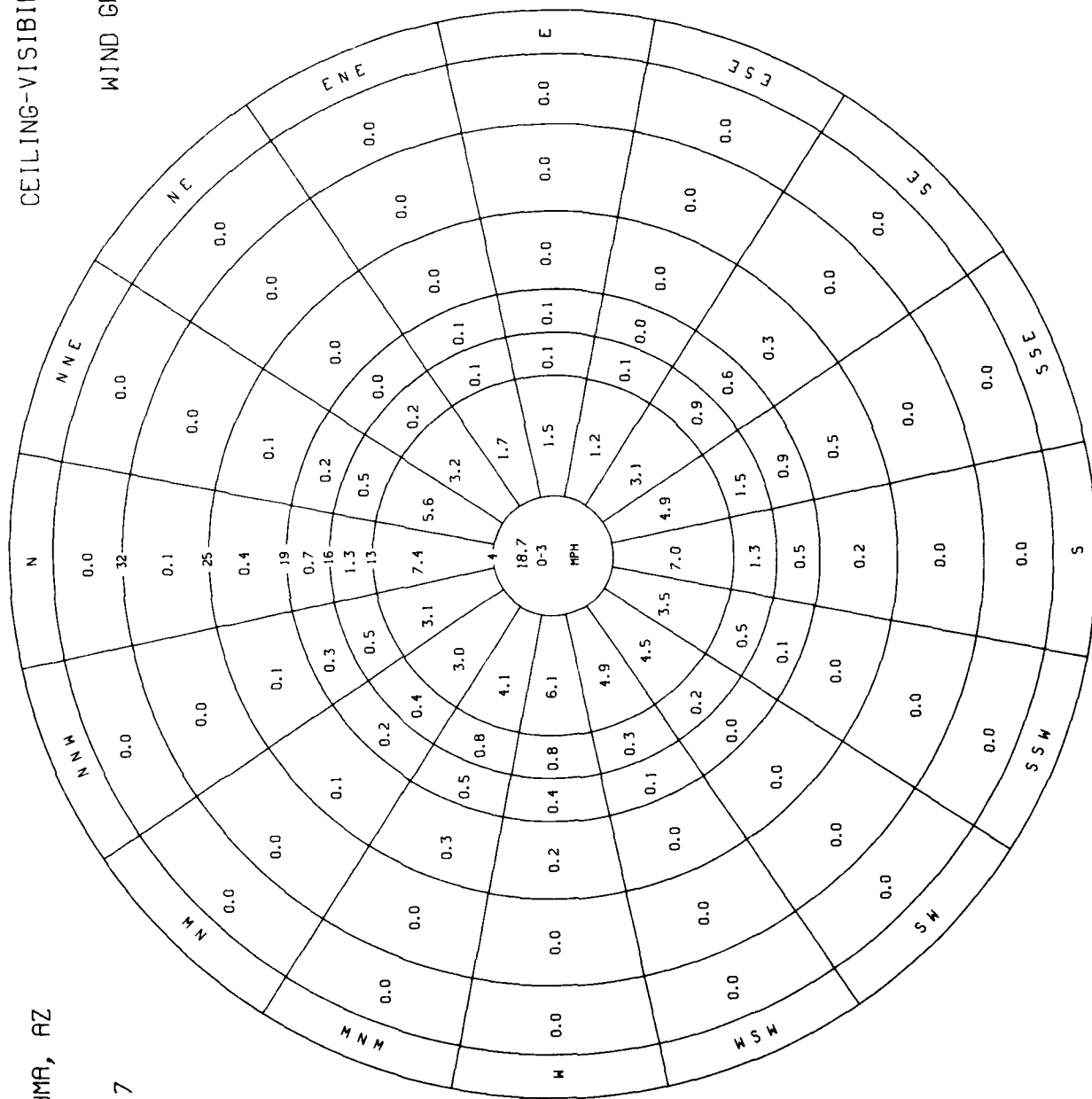
STATION NUMBER: 23195

NO. OBS.: 11

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	9.1	.0	9.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.2	6.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	9.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1	3.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	9.1	.0	.0	.0	.0	.0	.0	.0	.0	9.1	18.2	22.5
S	.0	.0	.0	9.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1	7.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	9.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1	5.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	36.4													.0	36.4	
TOTAL	.0	54.5	.0	27.3	.0	9.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	100	6.7

YUM YUMA, AZ

CLASS 7

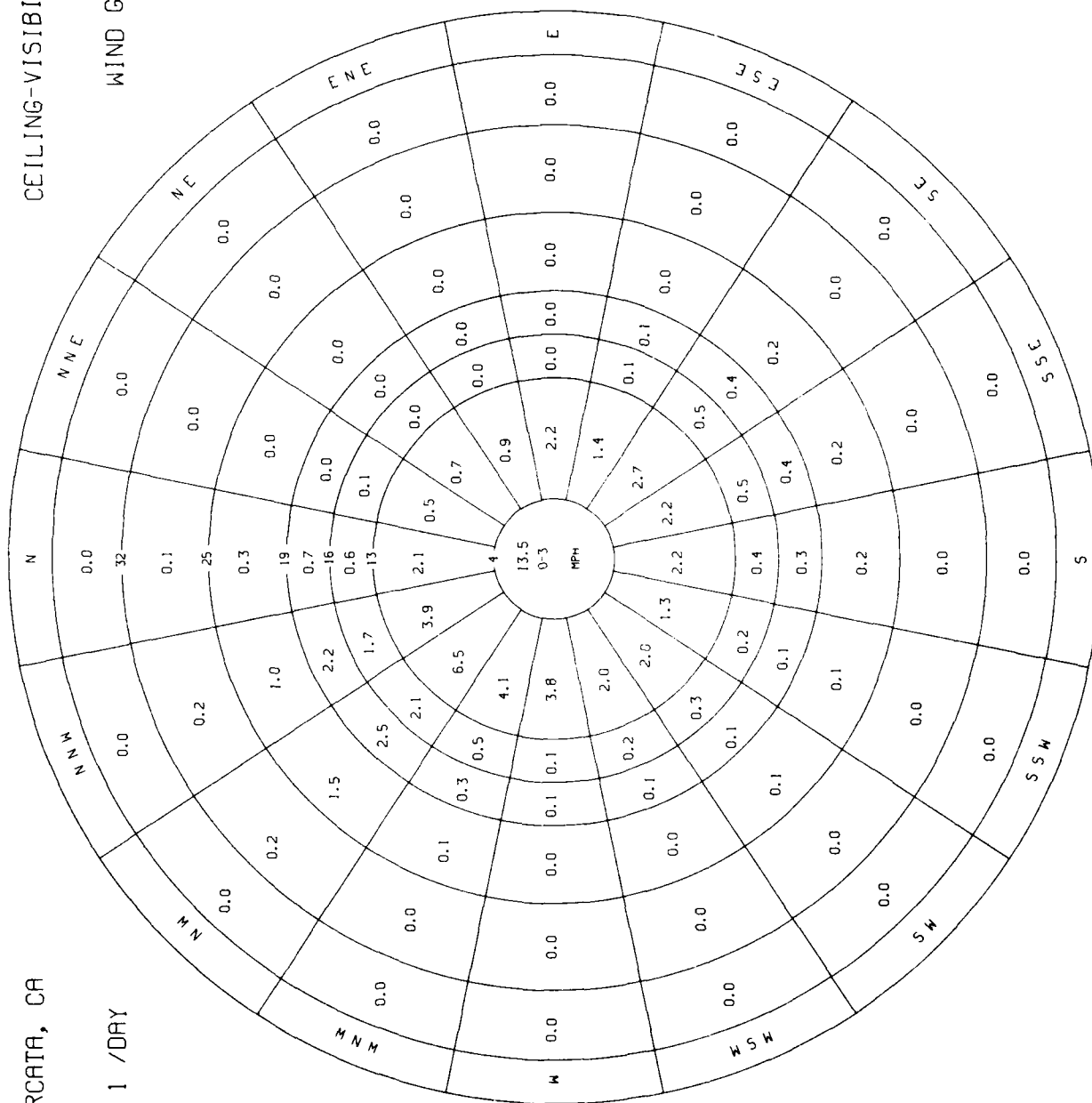


CEILING-VISIBILITY

WIND GRAPH

ACV ARCATA, CA

CLASS 1 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: ACV ARCATA, CA

CLASS 1 / DAY

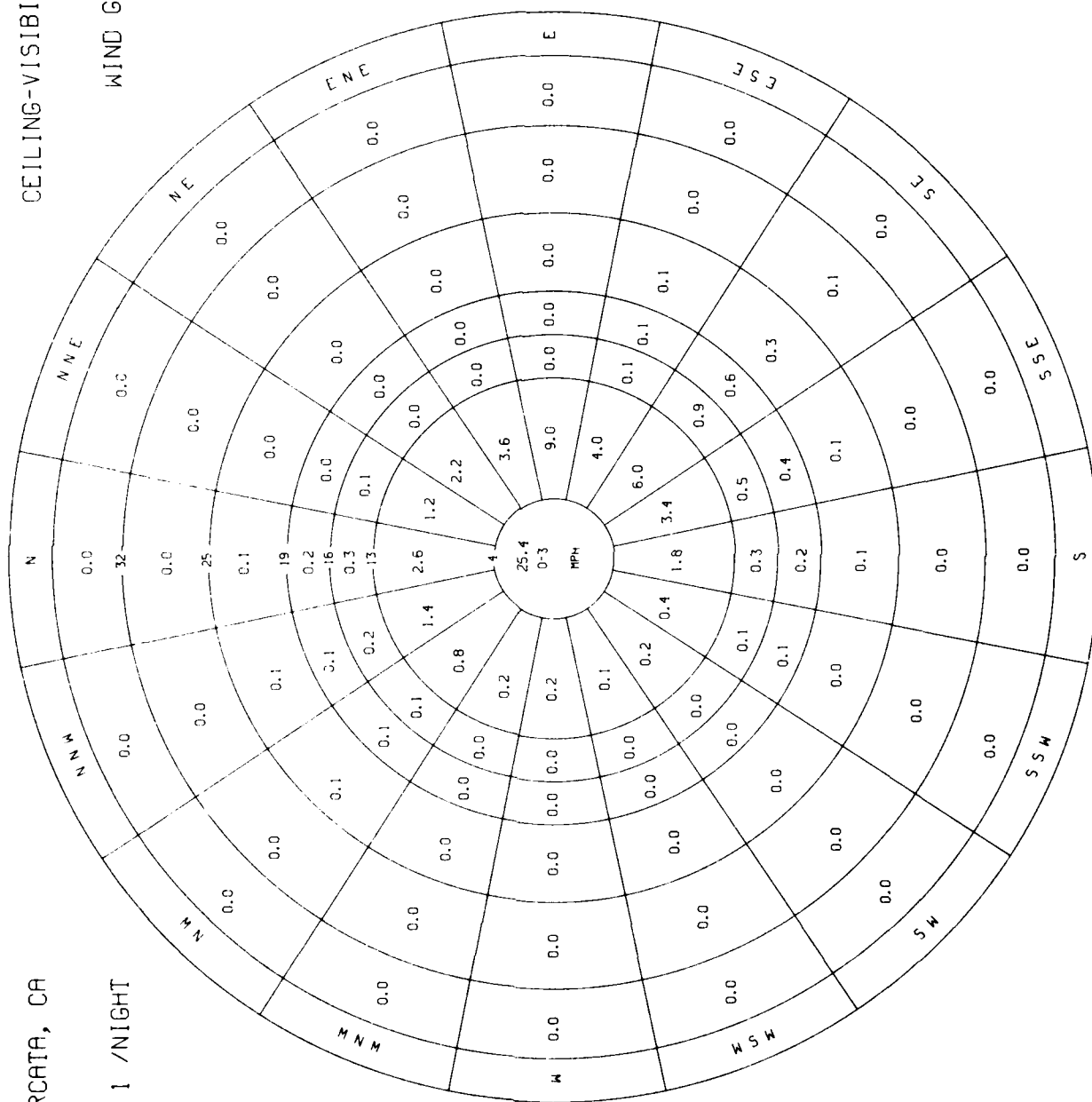
NO. OBS.: 31796

STATION NUMBER: 24283

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.2	2.1	3.0	.6	.9	.7	.9	.3	.4	.1	.1	.0	.0	3.8 5.4 12.0
NNE	.0	.0	.5	.7	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	8.7
NE	.1	.2	.7	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8
ENE	.1	.1	.9	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4
E	.3	.4	2.2	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3
ESE	.1	.2	1.4	2.0	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	8.1
SSE	.3	.4	2.7	3.8	.5	.8	.4	.6	.2	.3	.0	.0	.0	.0	10.5
S	.1	.2	2.2	3.1	.5	.7	.4	.6	.2	.2	.0	.0	.0	.0	10.7
SSW	.3	.4	2.2	3.0	.4	.5	.3	.5	.2	.2	.0	.0	.0	.0	9.9
SW	.1	.1	1.3	1.9	.2	.3	.1	.2	.1	.1	.0	.0	.0	.0	9.6
WSW	.3	.4	2.0	2.9	.3	.4	.1	.2	.1	.1	.0	.0	.0	.0	8.6
W	.1	.2	2.0	2.8	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	8.2
WNW	.3	.4	3.8	5.3	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	7.5
NW	.2	.2	4.1	5.8	.5	.7	.3	.4	.1	.1	.0	.0	.0	.0	9.1
NNW	.2	.3	6.5	9.2	2.1	3.0	2.5	3.6	1.5	2.1	.2	.3	.0	.0	12.8
CALM	.0	.1	3.9	5.5	1.7	2.4	2.2	3.1	1.0	1.4	.2	.2	.0	.1	13.7
TOTAL	13.5	19.1	38.4	54.3	7.2	10.2	7.3	10.4	3.6	5.0	.6	.8	.1	.1	9.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: ACV ARCAT, CA

CLASS 1 / NIGHT

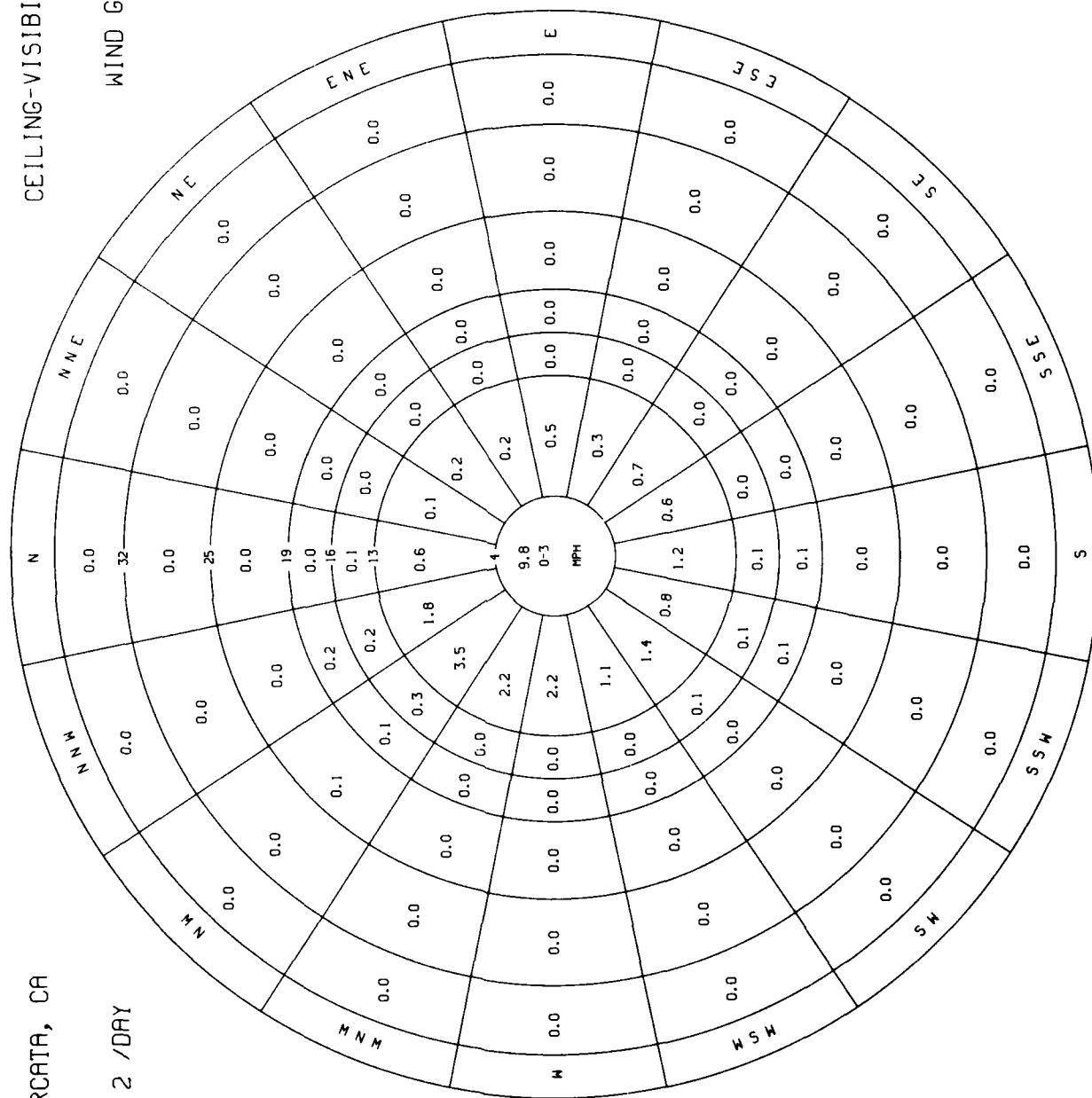
NO. OBS.: 27098

STATION NUMBER: 24283

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.2	.3	2.6	3.8	.3	.4	.2	.3	.1	.1	.0	.0	.0	.0	3.3	4.9	8.9
NNE	.1	.2	1.2	1.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.4	2.0	7.2
NE	.4	.7	2.2	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.9	6.2
ENE	.4	.6	3.6	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	5.9	6.0
E	1.3	1.8	9.0	13.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	10.3	15.1	5.9
ESE	.5	.7	4.0	5.9	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	4.8	7.0	6.9
SE	.7	1.0	6.0	8.8	.9	1.3	.6	.9	.3	.4	.1	.1	.0	.0	8.5	12.5	9.3
SSE	.3	.4	3.4	5.0	.5	.8	.4	.6	.1	.2	.0	.0	.0	.0	4.8	7.1	9.6
S	.2	.3	1.8	2.7	.3	.4	.2	.3	.1	.1	.0	.0	.0	.0	2.5	3.7	9.2
SSW	.0	.1	.4	.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.6	.9	9.7
SW	.0	.1	.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.6	9.9
WSW	.0	.0	.1	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	.3	11.8
W	.0	.1	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.5	9.0
WNW	.0	.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	10.1
NW	.1	.1	.8	1.2	.1	.2	.1	.2	.1	.1	.0	.0	.0	.0	1.2	1.8	10.0
NNW	.1	.1	1.4	2.0	.2	.3	.1	.2	.1	.1	.0	.0	.0	.0	1.9	2.7	9.6
CALM	21.0	30.7													21.0	30.7	
TOTAL	25.4	37.2	37.1	54.4	2.7	4.0	2.0	2.9	.8	1.2	.2	.3	.0	.0	68.3	100	5.4

ACV ARCATA, CA

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ACV ARCATA, CA

PERIOD: 1950-1978

CLASS 2 / DAY

STATION NUMBER: 24283

NO. OBS.: 13201

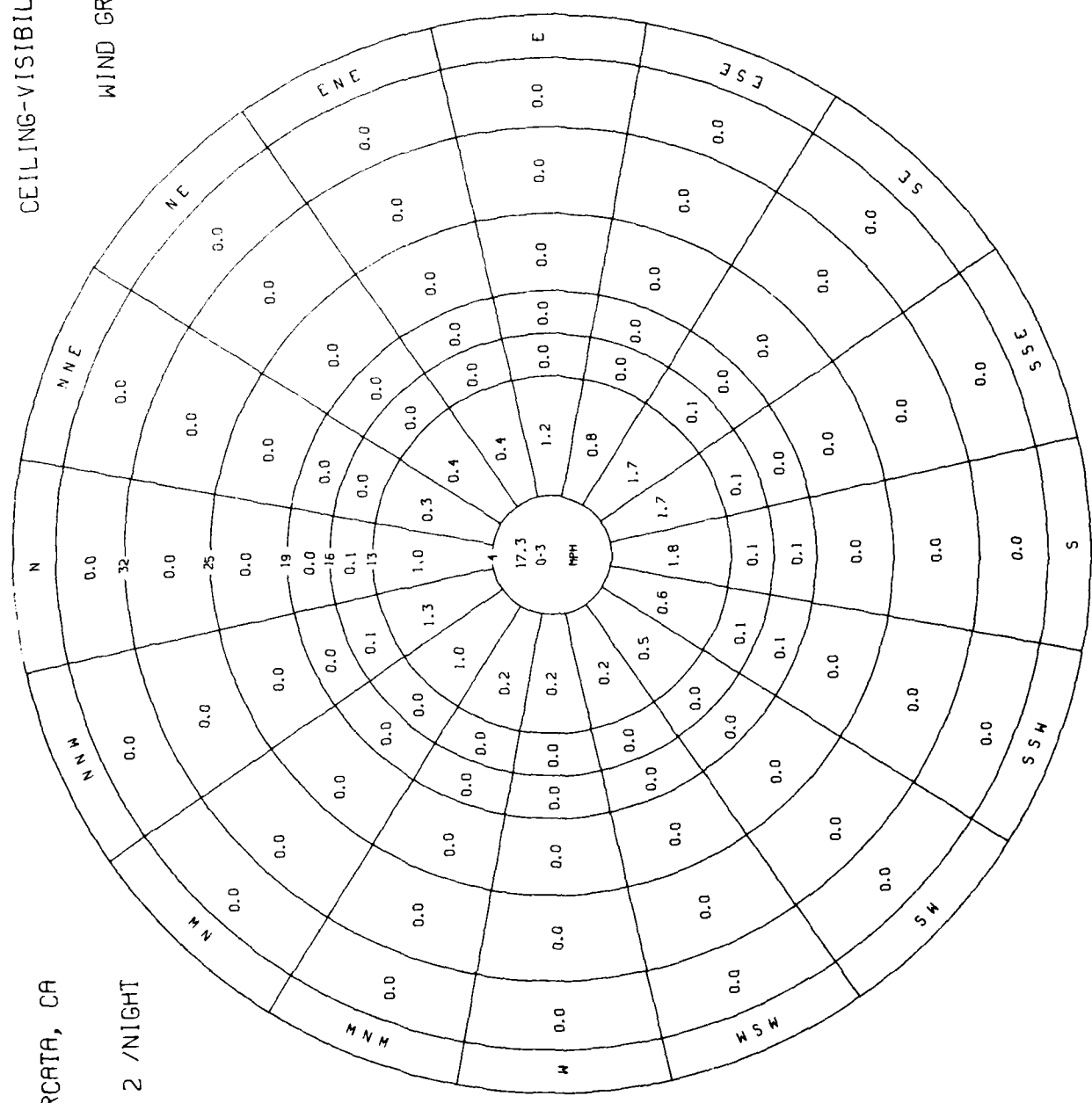
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.1	.2	.6	2.2	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.8	2.8	8.2	
NNE	.0	.2	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.6	5.4	
NE	.1	.2	.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.8	5.2	
ENE	.0	.1	.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.9	5.3	
E	.1	.3	.5	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	1.9	5.6	
ESE	.1	.2	.3	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.2	5.9	
SE	.1	.5	.7	2.5	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.9	3.2	6.9	
SSE	.1	.2	.6	2.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.8	2.7	7.8	
S	.2	.5	1.2	4.2	.1	.3	.1	.2	.0	.1	.0	.0	.0	.0	.0	1.6	5.3	7.9	
SSW	.1	.2	.8	2.8	.1	.3	.1	.2	.0	.1	.0	.0	.0	.0	.0	1.1	3.6	8.9	
SW	.2	.7	1.4	4.7	.1	.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	1.7	5.9	7.6	
WSW	.1	.3	1.1	3.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.3	7.0	
W	.3	1.1	2.2	7.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	8.7	6.5	
WNW	.1	.4	2.2	7.6	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	2.4	8.2	7.3	
NW	.2	.7	3.5	12.0	.3	1.2	.1	.4	.1	.2	.0	.0	.0	.0	.0	4.3	14.6	8.7	
NNW	.1	.2	1.8	6.2	.2	.7	.2	.5	.0	.1	.0	.0	.0	.0	.0	2.3	7.8	9.1	
CALM	8.1	27.5														8.1	27.5		
TOTAL	9.8	33.5	17.6	60.0	1.1	3.6	.6	2.0	.2	.7	.0	.1	.0	.0	.0	29.3	100	5.6	

CEILING-VISIBILITY

WIND GRAPH

ACV ARCATA, CA

CLASS 2 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ACV ARCATA, CA

PERIOD: 1950-1978

CLASS 2 / NIGHT

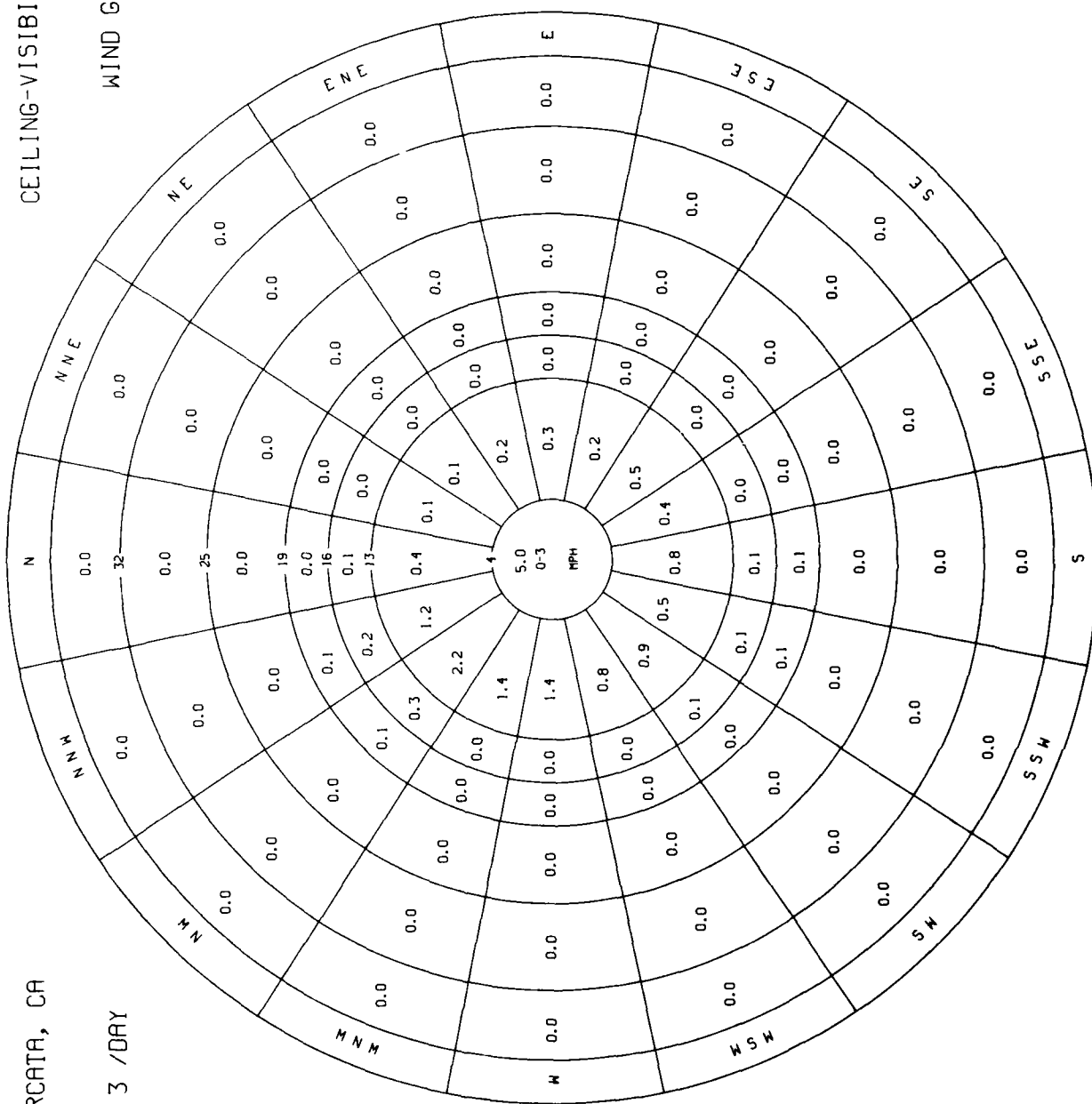
STATION NUMBER: 24283

NO. OBS.: 12591

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.1	.4	1.0	3.2	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.2	3.8	7.2	
NNE	.1	.2	.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.0	5.4	
NE	.2	.6	.4	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	1.8	5.0	
ENE	.1	.4	.4	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	1.6	5.2	
E	.3	.9	1.2	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.8	5.3	
ESE	.1	.4	.8	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.1	5.8	
SE	.5	1.4	1.7	5.5	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.3	7.2	6.4	
SSE	.1	.4	1.7	5.4	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.1	7.0	
S	.3	.9	1.8	5.8	.1	.2	.1	.2	.0	.1	.0	.0	.0	.0	.0	2.3	7.3	7.2	
SSW	.1	.2	.6	2.0	.1	.2	.1	.2	.0	.1	.0	.0	.0	.0	.0	.8	2.6	8.6	
SW	.1	.4	.5	1.5	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.7	2.1	7.3	
WSW	.0	.1	.2	.8	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	1.0	7.4	
W	.1	.3	.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.0	5.5	
WNW	.1	.2	.2	.6	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	.9	6.6	
NW	.2	.6	1.0	3.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.3	4.0	7.2	
NNW	.1	.2	1.3	4.0	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.5	4.7	8.2	
CALM	14.9	46.9														14.9	46.9		
TOTAL	17.3	54.6	13.4	42.4	.5	1.6	.3	1.0	.1	.3	.0	.1			.0	31.7	100	3.6	

CEILING-VISIBILITY

WIND GRAPH



ACV ARCATA, CA

CLASS 3 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ACV ARCATA, CA

PERIOD: 1950-1978

CLASS 3 / DAY

STATION NUMBER: 24283

NO. OBS.: 8122

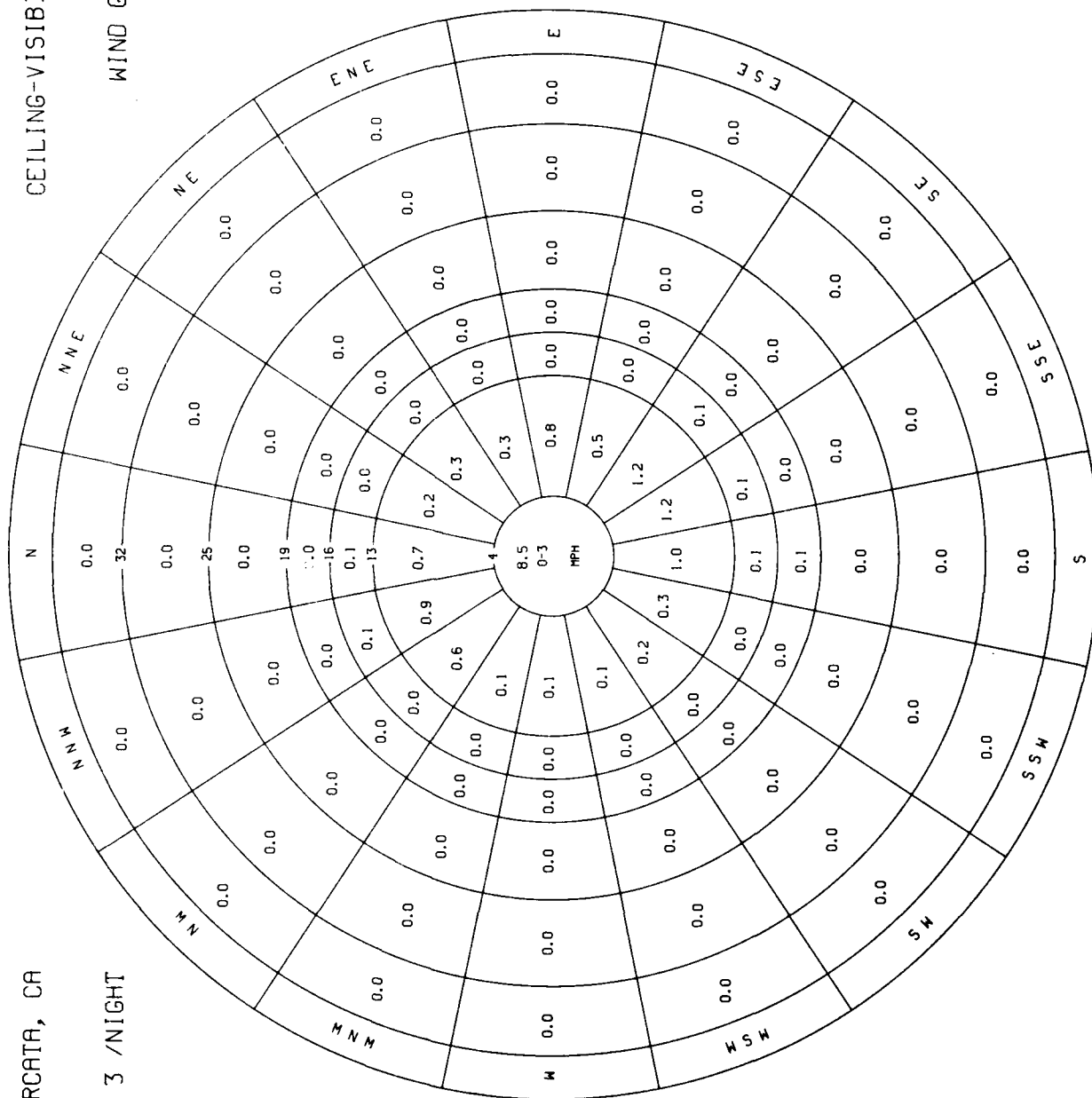
D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.2	.4	2.4	.1	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.6	3.2	8.8	
NNE	.0	.2	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	5.8	
NE	.0	.2	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.9	5.3	
ENE	.0	.1	.2	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.0	5.5	
E	.1	.3	.3	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.1	5.6	
ESE	.0	.2	.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.4	6.2	
SE	.1	.4	.5	3.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.7	3.8	7.6	
SSE	.0	.2	.4	2.5	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.6	3.1	8.4	
S	.1	.4	.8	4.6	.1	.4	.1	.3	.0	.1	.0	.0	.0	.0	.0	1.1	5.8	8.6	
SSW	.0	.2	.5	2.8	.1	.4	.1	.3	.0	.1	.0	.0	.0	.0	.0	.7	3.8	9.5	
SW	.1	.7	.9	4.9	.1	.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	1.1	6.2	7.9	
WSW	.1	.4	.8	4.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.8	7.3	
W	.2	.9	1.4	7.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	9.0	6.8	
WNW	.1	.3	1.4	8.0	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	1.6	8.6	7.5	
NW	.1	.6	2.2	12.3	.3	1.4	.1	.6	.0	.2	.0	.0	.0	.0	.0	2.7	15.2	9.1	
NNW	.0	.2	1.2	6.5	.2	.9	.1	.7	.0	.1	.0	.0	.0	.0	.0	1.5	8.5	9.7	
CALM	4.0	21.9														4.0	21.9		
TOTAL	5.0	27.5	11.5	63.9	.9	4.7	.5	2.7	.2	1.0	.0	.2	.0	.0	.0	18.1	100	6.3	

CEILING-VISIBILITY

WIND GRAPH

ACV ARCATA, CA

CLASS 3 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: ACV ARCAT, CA

CLASS 3 / NIGHT

NO. OBS.: 7058

STATION NUMBER: 24283

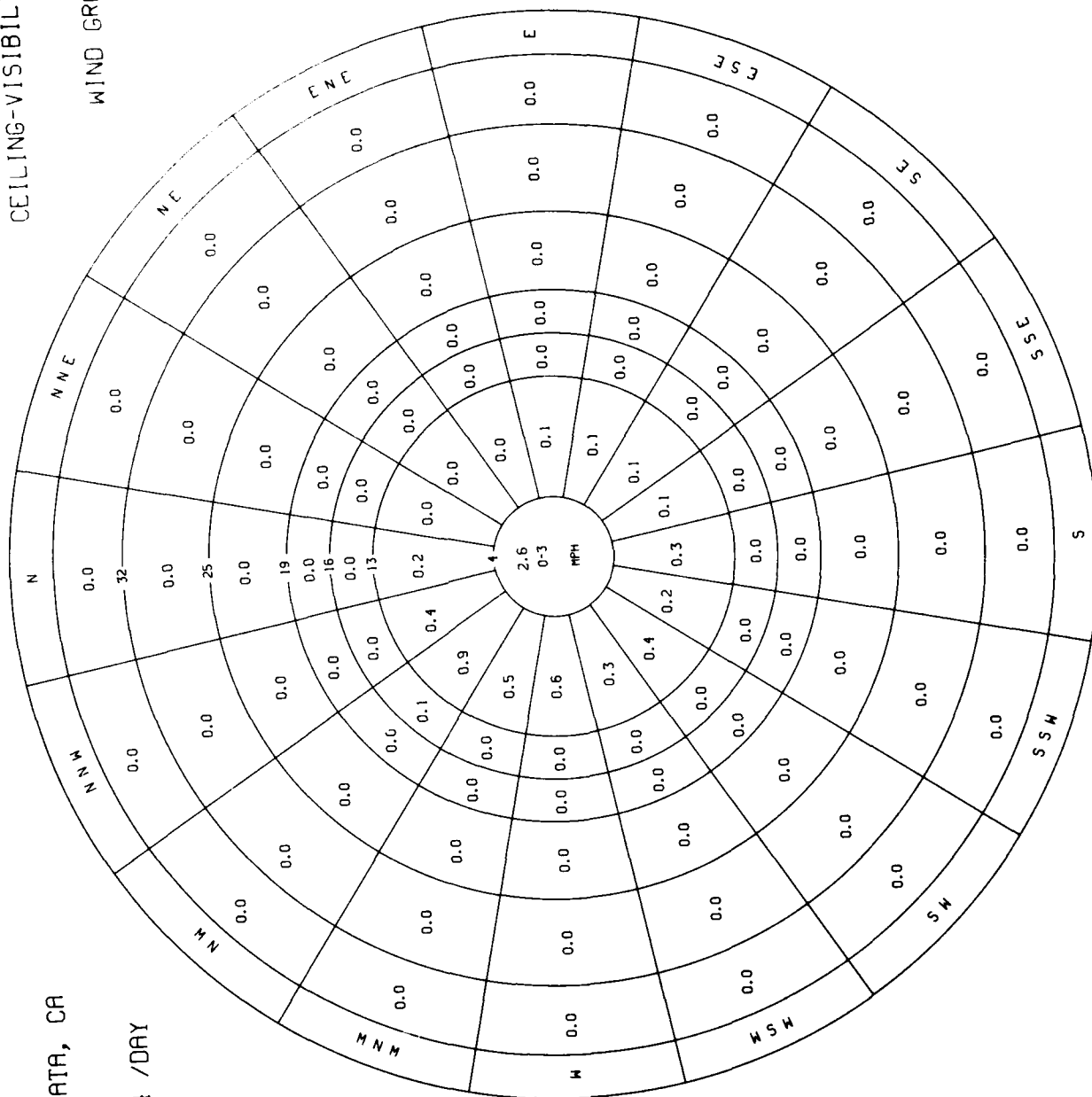
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C		D
N	.1	.4	.7	4.2	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	.9	5.0	7.7
NNE	.0	.2	.2	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.2	5.5
NE	.1	.6	.3	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.1	5.2
ENE	.1	.5	.3	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.0	5.3
E	.2	.9	.8	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.4	5.5
ESE	.1	.5	.5	2.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.4	6.0
SE	.3	1.5	1.2	6.9	.1	.4	.0	.2	.0	.0	.0	.0	.0	.0	1.6	9.0	6.8
SSE	.1	.5	1.2	6.6	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	1.3	7.5	7.4
S	.2	.9	1.0	5.7	.1	.3	.1	.3	.0	.1	.0	.0	.0	.0	1.3	7.4	7.8
SSW	.0	.1	.3	1.8	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.4	2.5	9.5
SW	.1	.3	.2	1.2	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.3	1.8	8.1
WSW	.0	.1	.1	.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	.9	8.6
W	.1	.3	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.9	6.0
WNW	.0	.1	.1	.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.8	7.5
NW	.1	.6	.6	3.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.8	4.4	7.4
NNW	.0	.2	.9	4.8	.1	.4	.0	.2	.0	.1	.0	.0	.0	.0	1.0	5.8	8.6
CALM	7.2	40.2													7.2	40.2	
TOTAL	8.5	47.9	8.4	47.5	.4	2.5	.3	1.4	.1	.6	.0	.1	.0	.0	17.8	100	4.3

CEILING-VISIBILITY

WIND GRAPH

ACV ARCATA, CA

CLASS 4 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: ACV ARCAT, CA

CLASS 4 / DAY

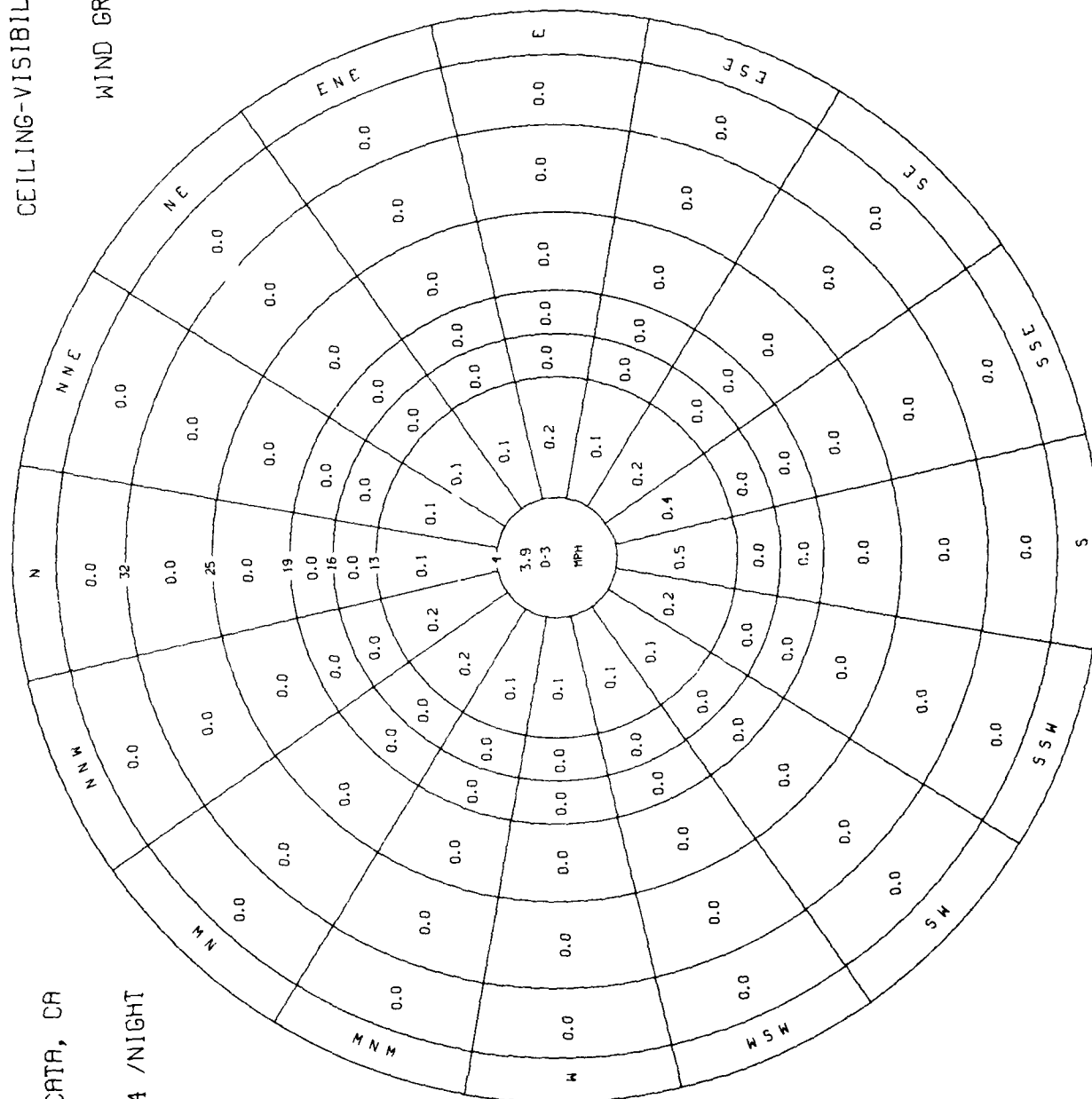
NO. OBS.: 3235

STATION NUMBER: 24283

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.1	.2	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.3
NNE	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .4
NNE	.0	.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .5
ENE	.0	.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .6
E	.0	.1	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.0
ESE	.0	.1	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 .9
SE	.0	.6	.1	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.4
SSE	.0	.2	.1	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.9
S	.0	.7	.3	4.1	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.4 5.0
SSW	.0	.2	.2	3.2	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.3 3.8
SW	.1	.8	.4	4.9	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.4 6.1
WSW	.0	.2	.3	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 4.1
W	.1	1.4	.6	8.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.7 9.8
WNW	.0	.5	.5	7.6	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.6 8.3
NW	.1	.8	.9	12.7	.1	1.0	.0	.3	.0	.2	.0	.0	.0	.0	1.1 15.1
NNW	.0	.1	.4	6.1	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.5 6.9
CALM	2.2	30.9													2.2 30.9
TOTAL	2.6	36.7	4.3	59.3	.2	2.4	.1	1.1	.0	.5	.0	.0	.0	.0	7.2 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ACV ARCAT, CA

PERIOD: 1950-1978

CLASS 4 / NIGHT

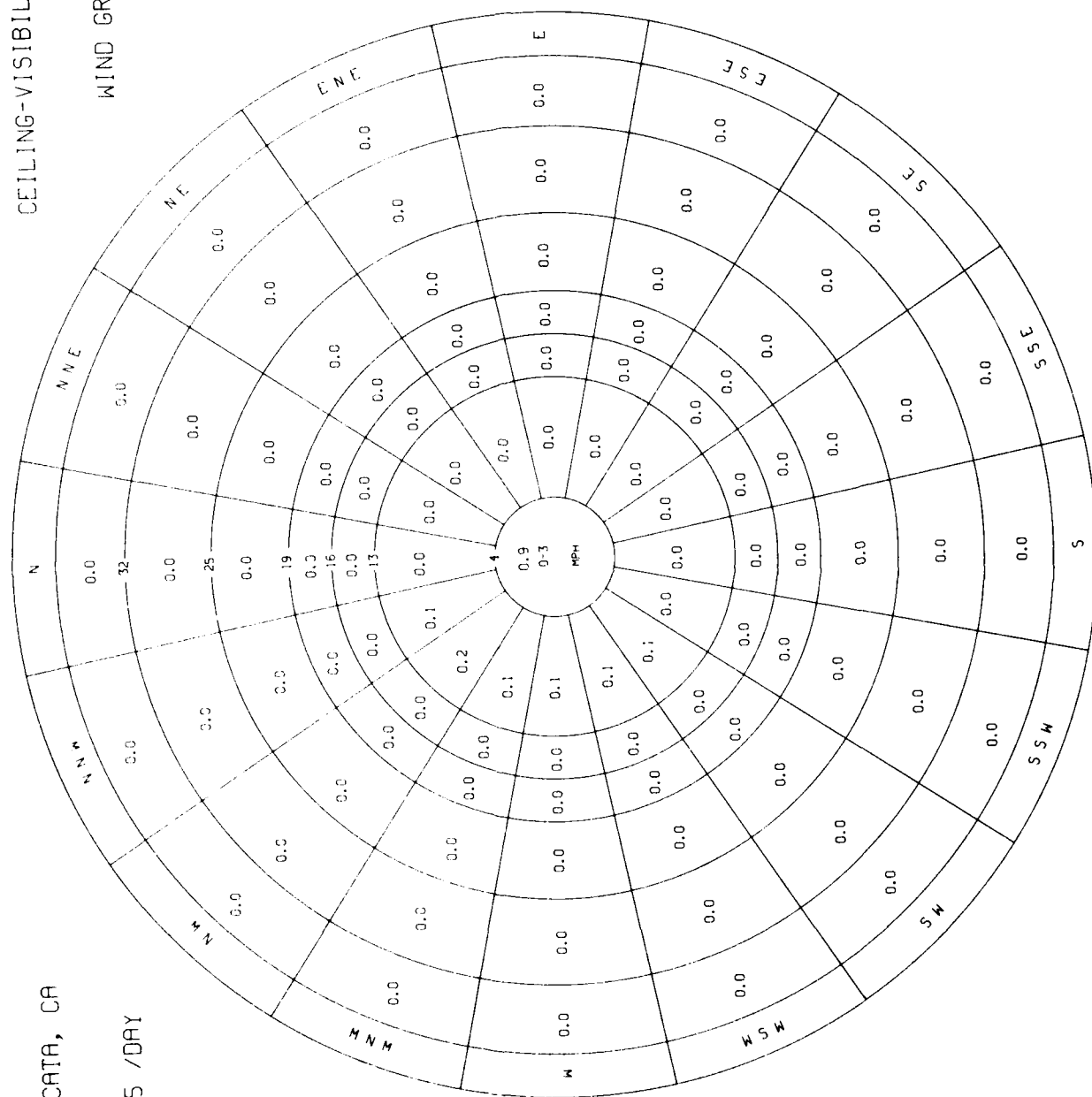
STATION NUMBER: 24283

NO. OBS.: 2677

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.4	.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.5	6.1
NNE	.0	.2	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	5.4
NE	.0	.6	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.5	4.6
ENE	.0	.2	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	5.1
E	.0	.6	.2	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.7	5.3
ESE	.0	.4	.1	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.4	5.4
SE	.1	1.2	.2	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.7	5.7
SSE	.0	.3	.4	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.8	6.7
S	.1	.9	.5	7.4	.0	.1	.0	.3	.0	.3	.0	.0	.0	.0	.6	8.8	7.1
SSW	.0	.1	.2	3.2	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.3	3.9	8.2
SW	.0	.5	.1	2.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.9	6.8
WSW	.0	.1	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	6.2
W	.0	.3	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	5.4
WNW	.0	.2	.1	.9	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.2	6.5
NW	.0	.5	.2	3.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3	4.1	7.2
NNW	.0	.3	.2	3.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3	4.1	7.5
CALM	3.4	50.3													3.4	50.3	
TOTAL	3.9	57.2	2.8	40.8	.1	1.0	.1	.9	.0	.1	.0	.0	.0	.0	6.7	100	3.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: ACV ARCATA, CA

CLASS 5 / DAY

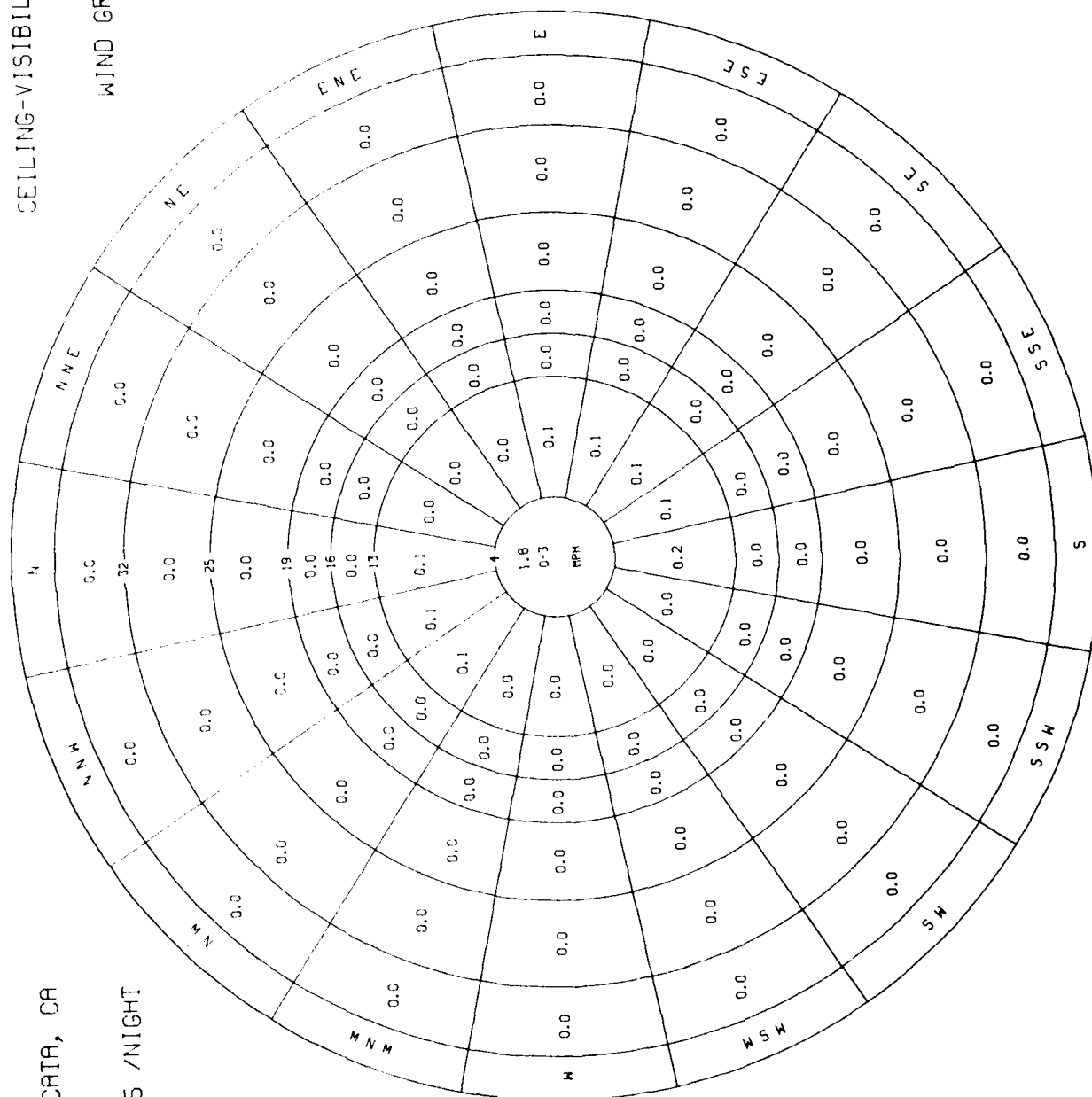
NO. OBS.: 832

STATION NUMBER: 24283

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.1
NNE	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	3.7
NNE	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.7
ENE	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.7
E	.0	.4	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	5.1
ESE	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	4.0
SE	.0	.7	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.9
SSE	.0	.5	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.3
S	.0	1.1	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.0	5.6
SSW	.0	.1	.0	2.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.9
SW	.0	.7	.1	4.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.4	6.5
WSW	.0	.6	.1	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.0	6.4
W	.0	1.4	.1	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.4	6.2
WNW	.0	.6	.1	7.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.3	6.7
NW	.0	1.3	.2	12.6	.0	.4	.0	.1	.0	.4	.0	.0	.0	.0	.3	14.8	7.6
NNW	.0	.5	.1	4.9	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1	5.8	7.3
CALM	.7	38.5													.7	38.5	
TOTAL	.9	48.2	.9	50.0	.0	1.2	.0	.2	.0	.4	.0	.0	.0	.0	1.8	100	4.0

CEILING-VISIBILITY

WIND GRAPH



ACV ARCATA, CA

CLASS 5 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: ACV ARCATA, CA

CLASS 5 / NIGHT

NO. OBS.: 1134

STATION NUMBER: 24283

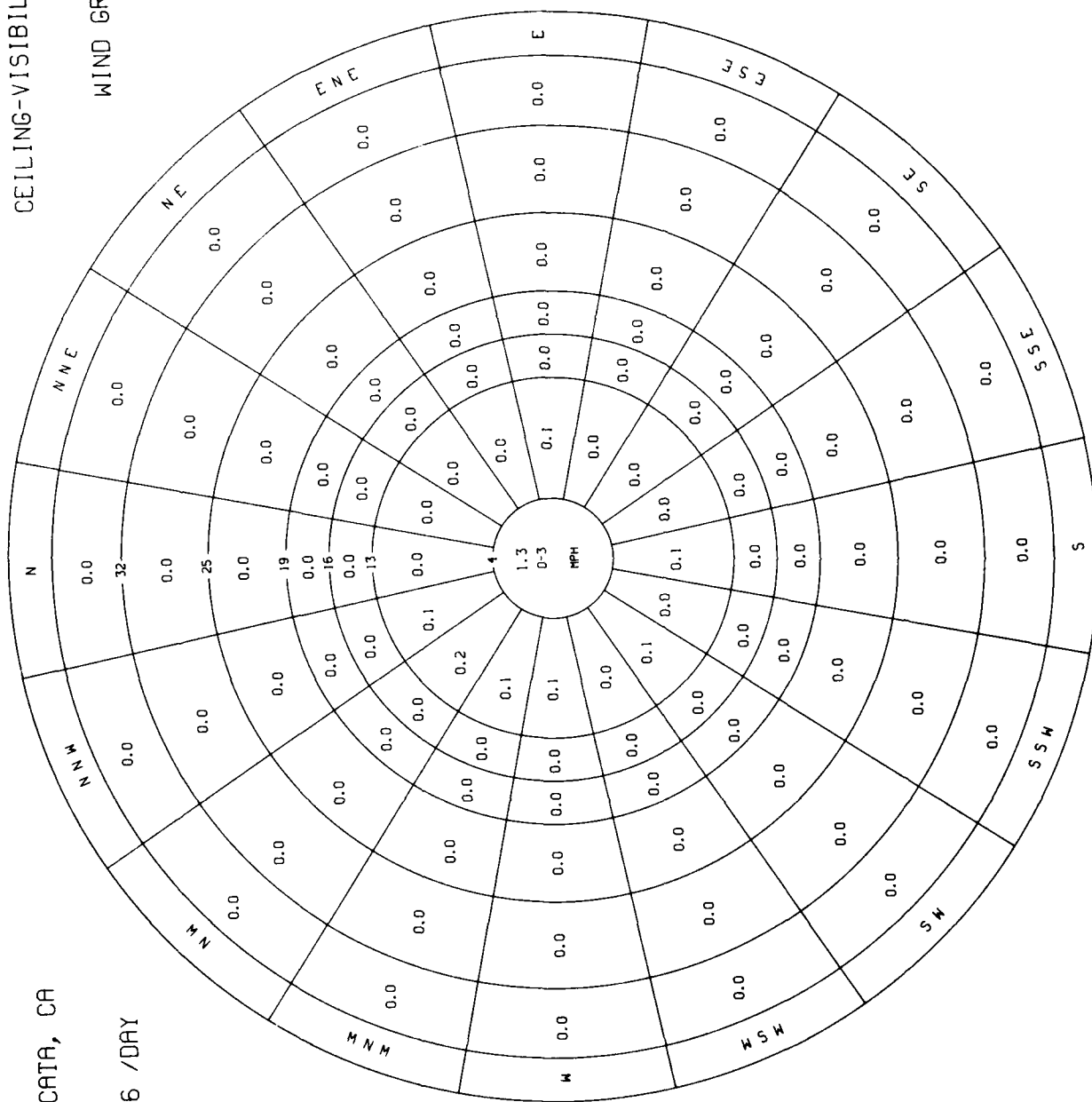
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.4	.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1 2.6
NNE	.0	.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7
NE	.0	.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
ENE	.0	.4	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
E	.0	1.5	.1	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.9
ESE	.0	.2	.1	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.8
SE	.0	1.5	.1	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 5.7
SSE	.0	.1	.1	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.4
S	.0	1.1	.2	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 7.0
SSW	.0	.5	.0	1.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.9
SW	.0	.8	.0	1.5	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.1 2.6
WSW	.0	.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
W	.0	.5	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.9
WNW	.0	.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
NW	.0	1.1	.1	3.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.2
NNW	.0	.1	.1	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.6
CALM	1.5	53.5													1.5 53.5
TOTAL	1.8	63.1	1.0	36.4	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	2.9 100
															2.6

CEILING-VISIBILITY

WIND GRAPH

ACV ARCAT, CA

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: ACV ARCATA, CA

CLASS 6 / DAY

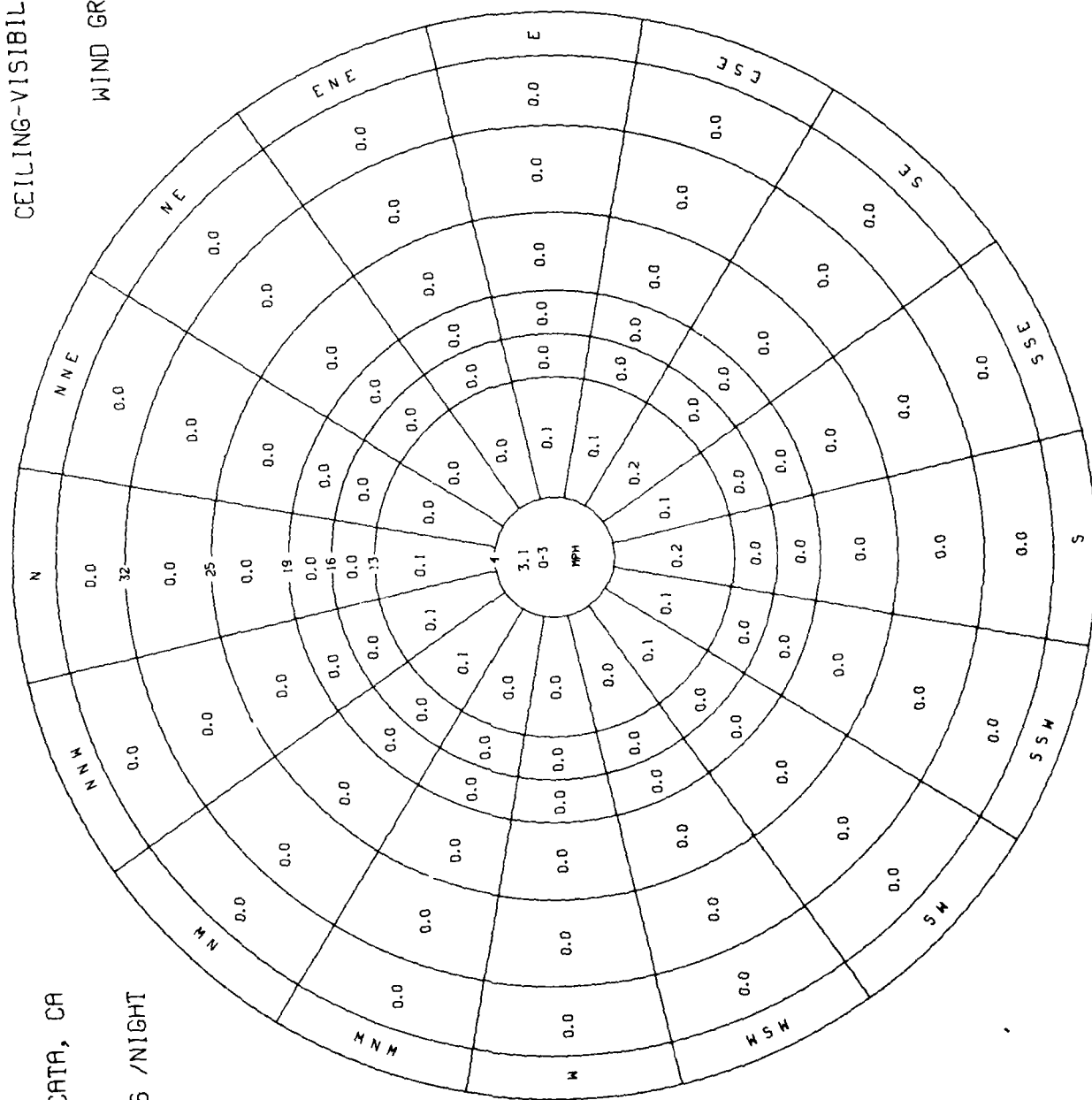
NO. OBS.: 1012

STATION NUMBER: 24283

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.9
NNE	.0	.1	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.7
NE	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.6
ENE	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.5
E	.0	.5	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.9	5.3
ESE	.0	.1	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.7
SE	.0	.7	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.2
SSE	.0	.3	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.5	5.6
S	.0	.5	.1	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.5	5.5
SSW	.0	.4	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.4	6.0
SW	.0	.7	.1	2.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	6.2
WSW	.0	.2	.0	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.9
W	.0	1.0	.1	4.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.1	5.9
WNW	.0	.5	.1	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.0	6.4
NW	.0	1.0	.2	7.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.3	6.4
NNW	.0	.7	.1	5.4	.0	.2	.0	.3	.0	.0	.0	.0	.0	.0	.1	6.6	7.5
CALM	1.2	51.9													1.2	51.9	
TOTAL	1.3	59.3	.9	39.7	.0	.7	.0	.3	.0	.0	.0	.0	.0	.0	2.2	100	3.0

CEILING-VISIBILITY

WIND GRAPH



ACV ARCATA, CA

CLASS 6 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ACV ARCATA, CA

PERIOD: 1950-1978

CLASS 6 / NIGHT

STATION NUMBER: 24283

NO. OBS.: 1722

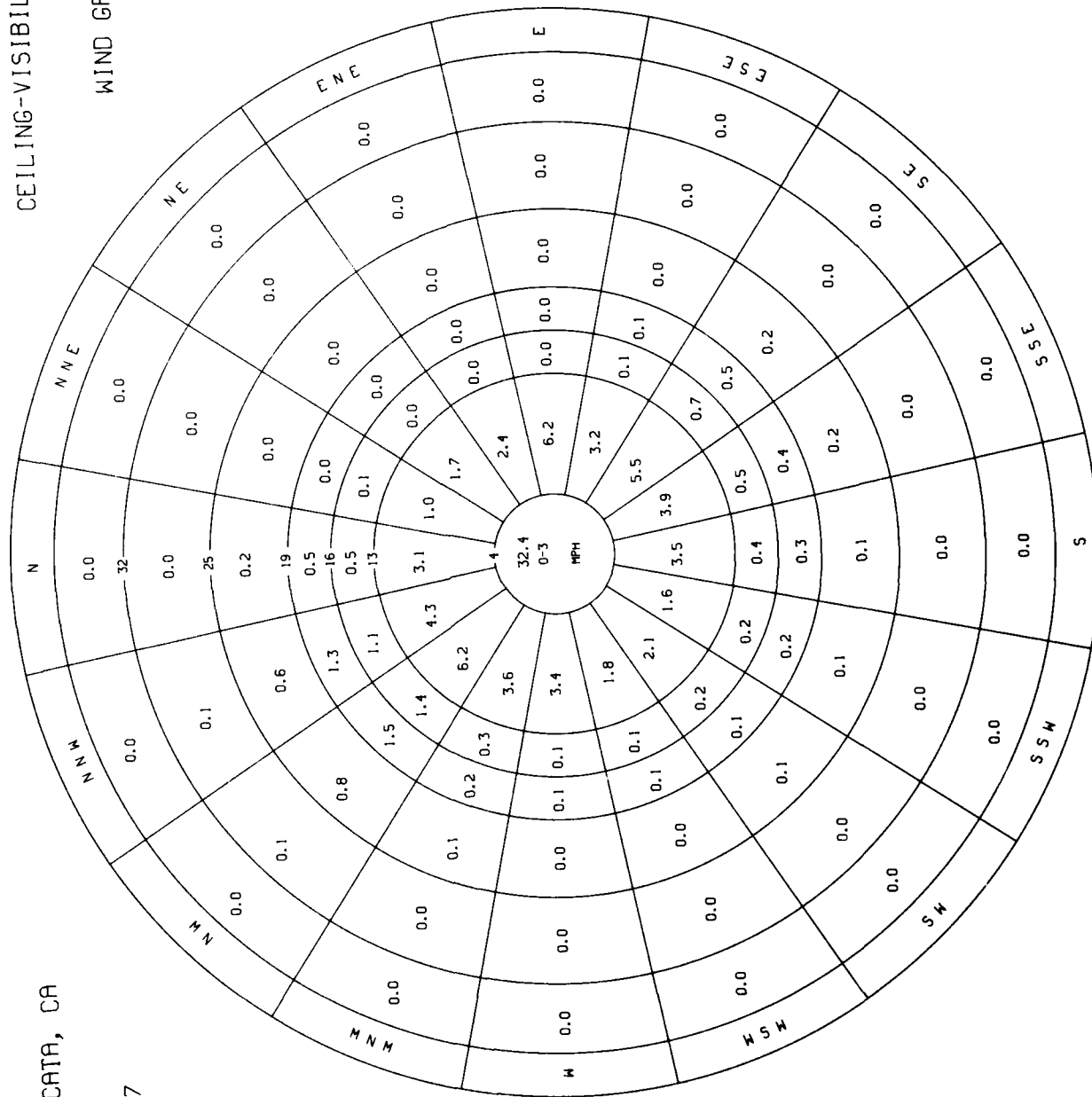
DIR	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.4	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.9
NNE	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
NE	.0	.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.5
ENE	.0	.2	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.2
E	.0	1.0	.1	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 4.2
ESE	.0	.3	.1	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.1
SE	.1	1.3	.2	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 4.9
SSE	.0	.5	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.0
S	.0	.9	.2	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 4.6
SSW	.0	.2	.1	1.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1 1.6
SW	.0	.3	.1	1.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1 1.7
WSW	.0	.1	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .9
W	.0	.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
WNW	.0	.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
NW	.0	.3	.1	1.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.2
NNW	.0	.2	.1	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.9
CALM	2.8	64.9													2.8 64.9
TOTAL	3.1	72.0	1.2	27.7	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	4.3 100

CEILING-VISIBILITY

WIND GRAPH

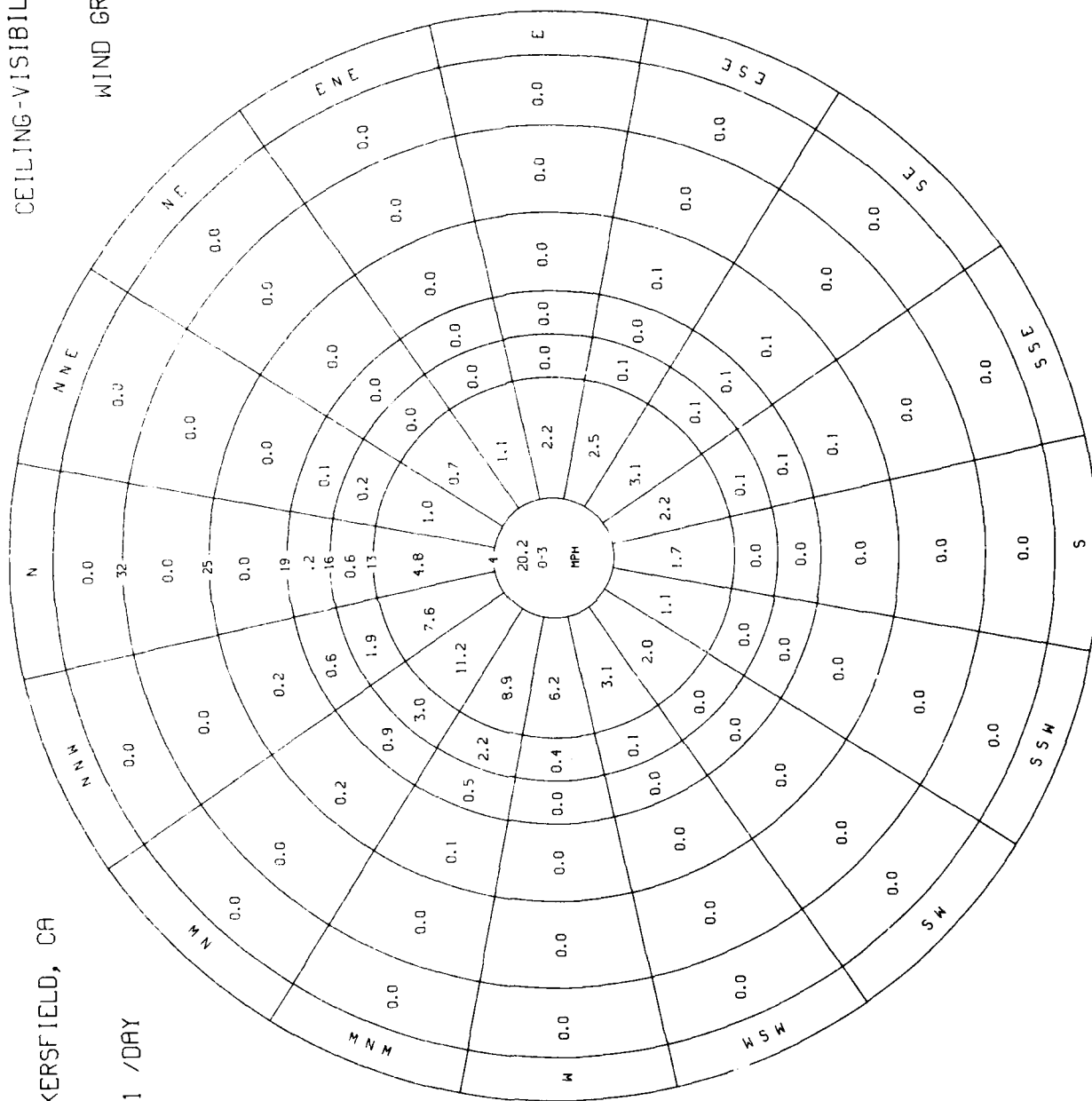
ACV ARCATA, CA

CLASS 7



CEILING-VISIBILITY

WIND GRAPH



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CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BFL BAKERSFIELD, CA

PERIOD: 1948-1978

CLASS 1 / DAY

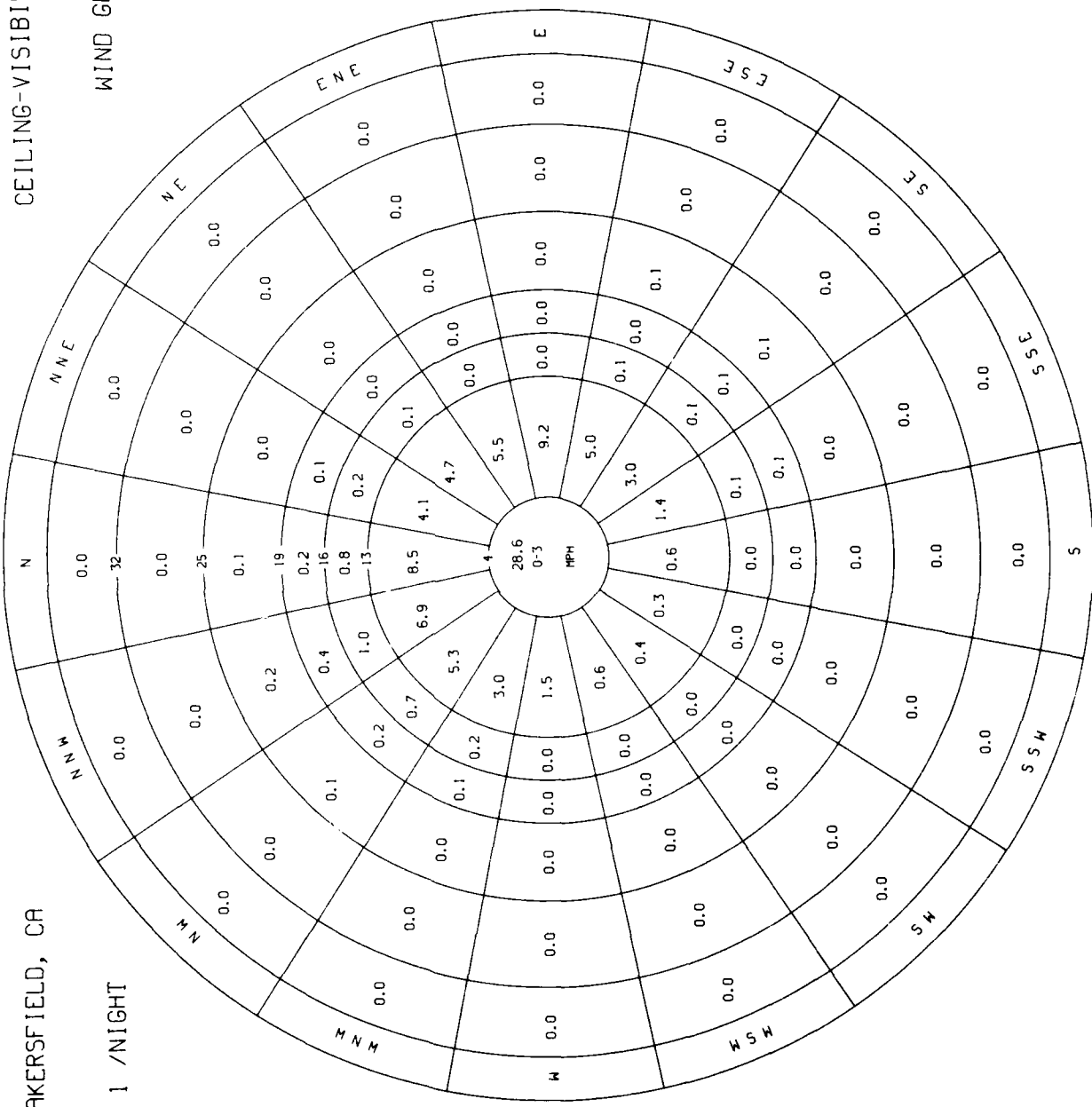
STATION NUMBER: 23155

NO. OBS.: 45180

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.3	.3	4.8	5.2	.6	.6	.2	.2	.0	.0	.0	.0	.0	.0	5.9 6.4
NNE	.1	.1	1.0	1.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.4 1.5
NE	.2	.2	.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0 1.1
ENE	.2	.2	1.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3 1.4
E	.5	.6	2.2	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8 3.0
ESE	.5	.5	2.5	2.7	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0	3.2 3.4
SE	.5	.6	3.1	3.3	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	3.9 4.2
SSE	.5	.5	2.2	2.4	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	2.9 3.2
S	.6	.7	1.7	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.4 2.6
SSW	.3	.3	1.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4 1.5
SW	.5	.5	2.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5 2.8
WSW	.4	.5	3.1	3.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.6 3.9
W	.7	.8	6.2	6.7	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	7.4 8.0
WNW	.5	.5	8.9	9.7	2.2	2.4	.5	.5	.1	.1	.0	.0	.0	.0	12.2 13.3
NW	.5	.6	11.2	12.2	3.0	3.2	.9	1.0	.2	.3	.0	.0	.0	.0	15.9 17.3
NNW	.4	.4	7.6	8.3	1.9	2.0	.6	.6	.2	.2	.0	.0	.0	.0	10.7 11.6
CALM	13.6	14.8													13.6 14.8
TOTAL	20.2	22.0	59.6	64.8	8.7	9.4	2.5	2.7	.9	1.0	.2	.2	.0	.0	92.0 100
															7.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BFL BAKERSFIELD, CA

PERIOD: 1948-1978

CLASS 1 / NIGHT

STATION NUMBER: 23155

NO. OBS.: 38932

C I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.6	.7	8.5	9.0	.8	.8	.2	.3	.1	.1	.0	.0	.0	.0	10.1	10.8	8.1
NNE	.3	.3	4.1	4.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.8	5.1	7.8
NE	.7	.8	4.7	5.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.6	5.9	6.4
ENE	.8	.9	5.5	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.7	6.0
E	1.3	1.4	9.2	9.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	10.6	11.3	6.1
ESE	.8	.8	5.0	5.3	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	5.9	6.3	6.2
SE	.7	.8	3.0	3.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	4.0	4.2	6.4
SSE	.4	.4	1.4	1.5	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.0	2.1	6.9
S	.3	.3	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	1.0	5.9
SSW	.1	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	5.5
SW	.2	.2	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	5.4
WSW	.1	.2	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.8	5.9
W	.4	.5	1.5	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.1	6.1
WNW	.4	.4	3.0	3.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.7	3.9	7.6
NW	.4	.5	5.3	5.7	.7	.7	.2	.3	.1	.1	.0	.0	.0	.0	6.8	7.2	8.8
NNW	.4	.4	6.9	7.4	1.0	1.1	.4	.4	.2	.2	.0	.0	.0	.0	9.0	9.6	9.3
CALM	20.6	22.0													20.6	22.0	
TOTAL	28.6	30.5	59.8	63.8	3.4	3.6	1.4	1.4	.6	.6	.1	.1	.0	.0	93.9	100	5.7

AD-A108 169

NATIONAL CLIMATIC CENTER ASHEVILLE NC

F/G 4/2

WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME I---ETC(U)

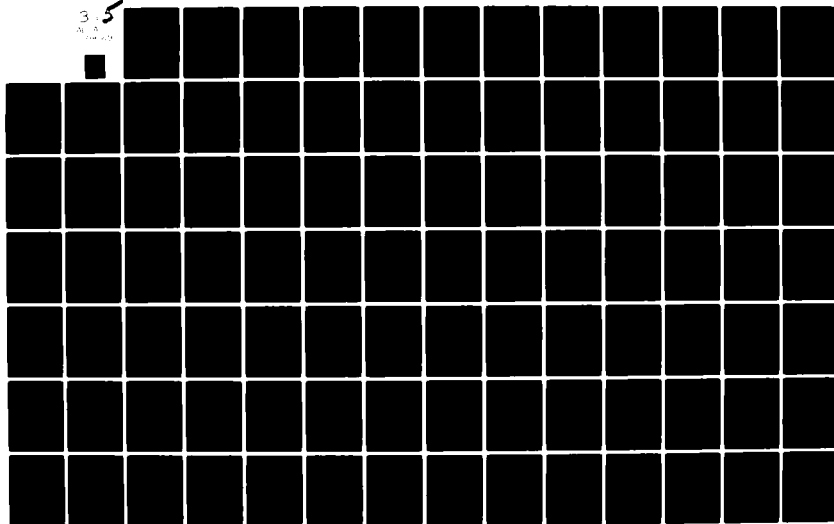
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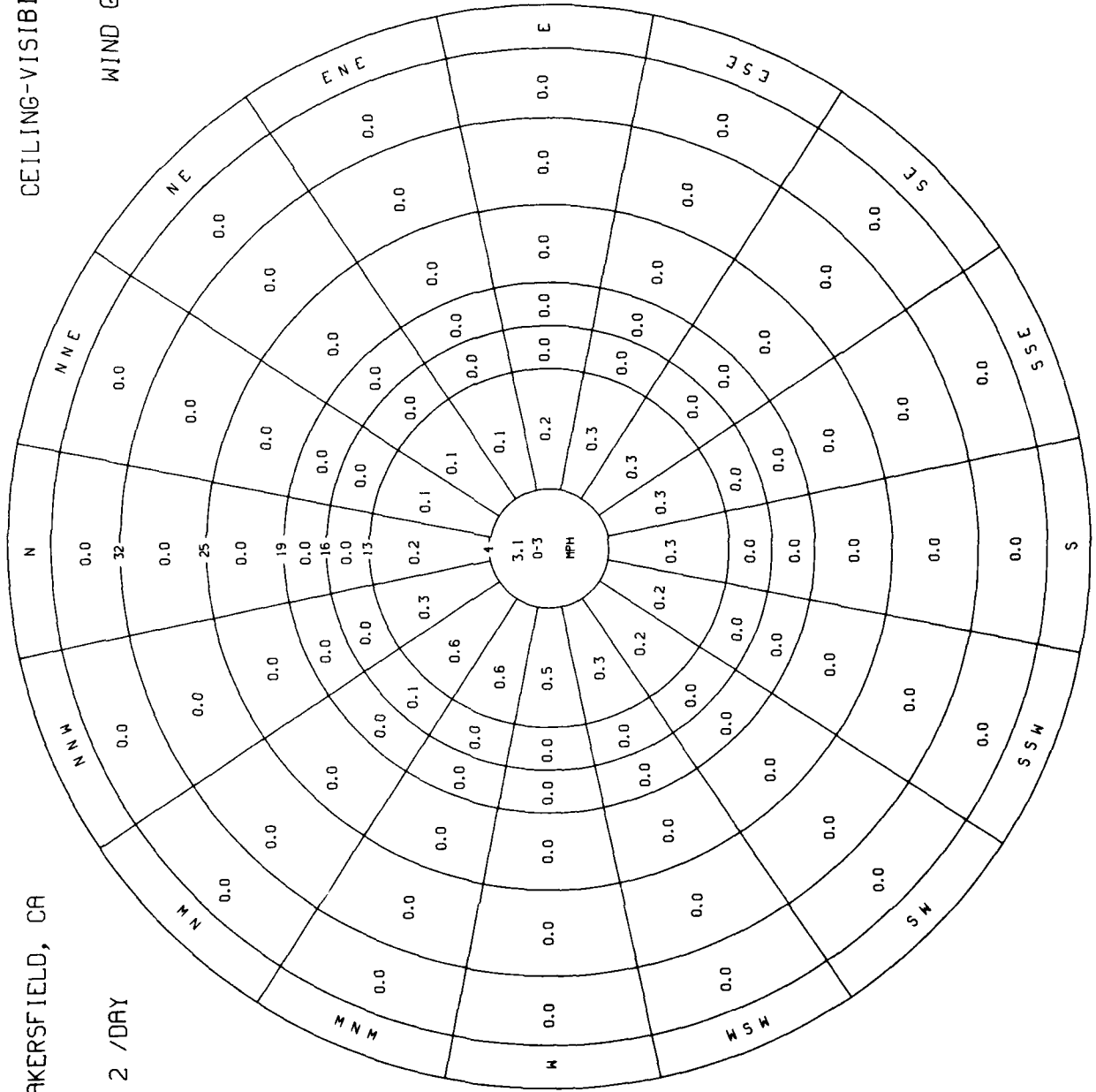
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BFL BAKERSFIELD, CA

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BFL BAKERSFIELD, CA

PERIOD: 1948-1978

CLASS 2 / DAY

STATION NUMBER: 23155

NO. OBS.: 3920

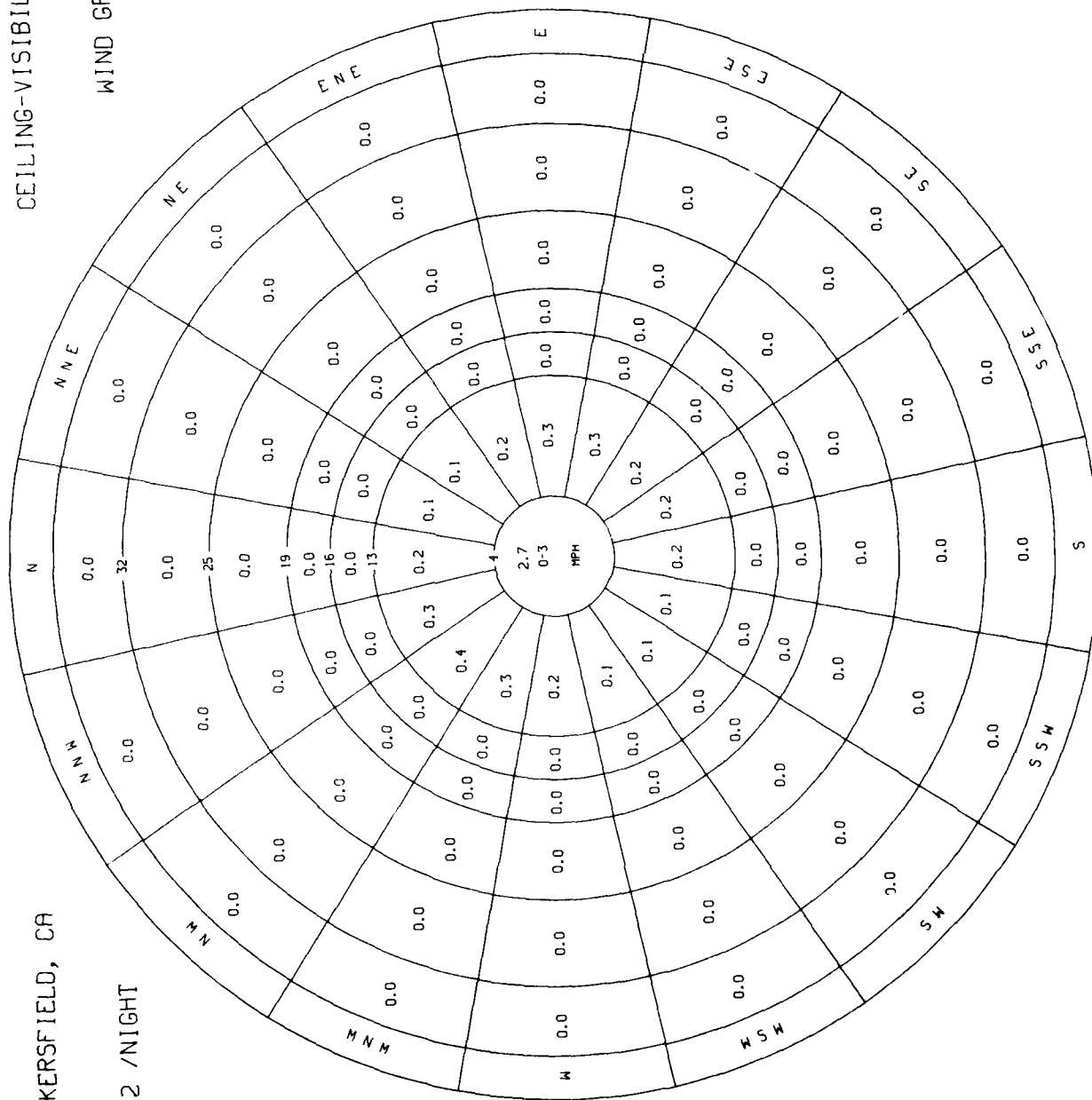
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.4	.2	2.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.7	7.3
NNE	.0	.1	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	6.0
NE	.0	.2	.1	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	6.3
ENE	.0	.3	.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.5	5.8
E	.1	.8	.2	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.7	5.9
ESE	.1	.6	.3	3.6	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.4	4.4	6.3
SE	.1	.7	.3	4.2	.0	.0	.0	.0	.0	.1	.0	.1	.0	.1	.4	5.2	6.8
SSE	.1	1.0	.3	3.7	.0	.0	.0	.1	.0	.1	.0	.1	.0	.1	.4	5.1	7.2
S	.1	1.1	.3	4.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.2	6.0
SSW	.1	.6	.2	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.9	5.5
SW	.1	.7	.2	2.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.6	5.6
WSW	.1	1.0	.3	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.8	5.7
W	.1	1.0	.5	6.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	7.8	6.2
WNW	.0	.5	.6	7.0	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.6	8.0	7.3
NW	.1	.8	.6	7.4	.1	.8	.0	.3	.0	.2	.0	.2	.0	.0	.8	9.7	8.4
NNW	.0	.6	.3	3.5	.0	.5	.0	.4	.0	.1	.0	.1	.0	.0	.4	5.1	8.9
CALM	2.3	28.4													2.3	28.4	
TOTAL	3.1	38.9	4.5	56.5	.2	2.2	.1	1.0	.1	.7	.0	.5	.0	.2	8.0	100	4.9

CEILING-VISIBILITY

WIND GRAPH

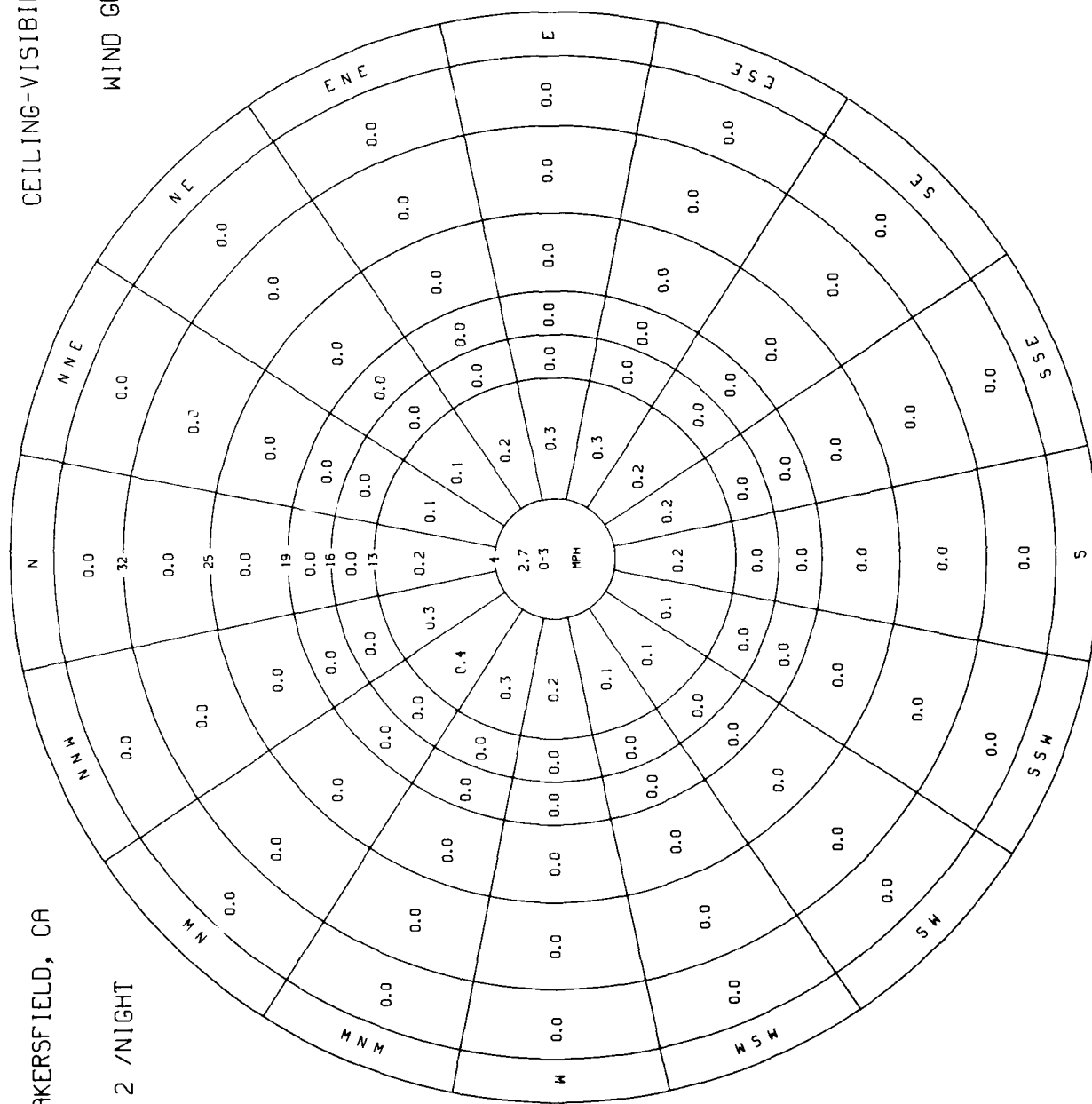
BFL BAKERSFIELD, CA

CLASS 2 /NIGHT



CEILING-VISIBILITY

WIND GRAPH



BFL BAKERSFIELD, CA

CLASS 2 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BFL BAKERSFIELD, CA

PERIOD: 1948-1978

CLASS 2 / NIGHT

STATION NUMBER: 23155

NO. OBS.: 2547

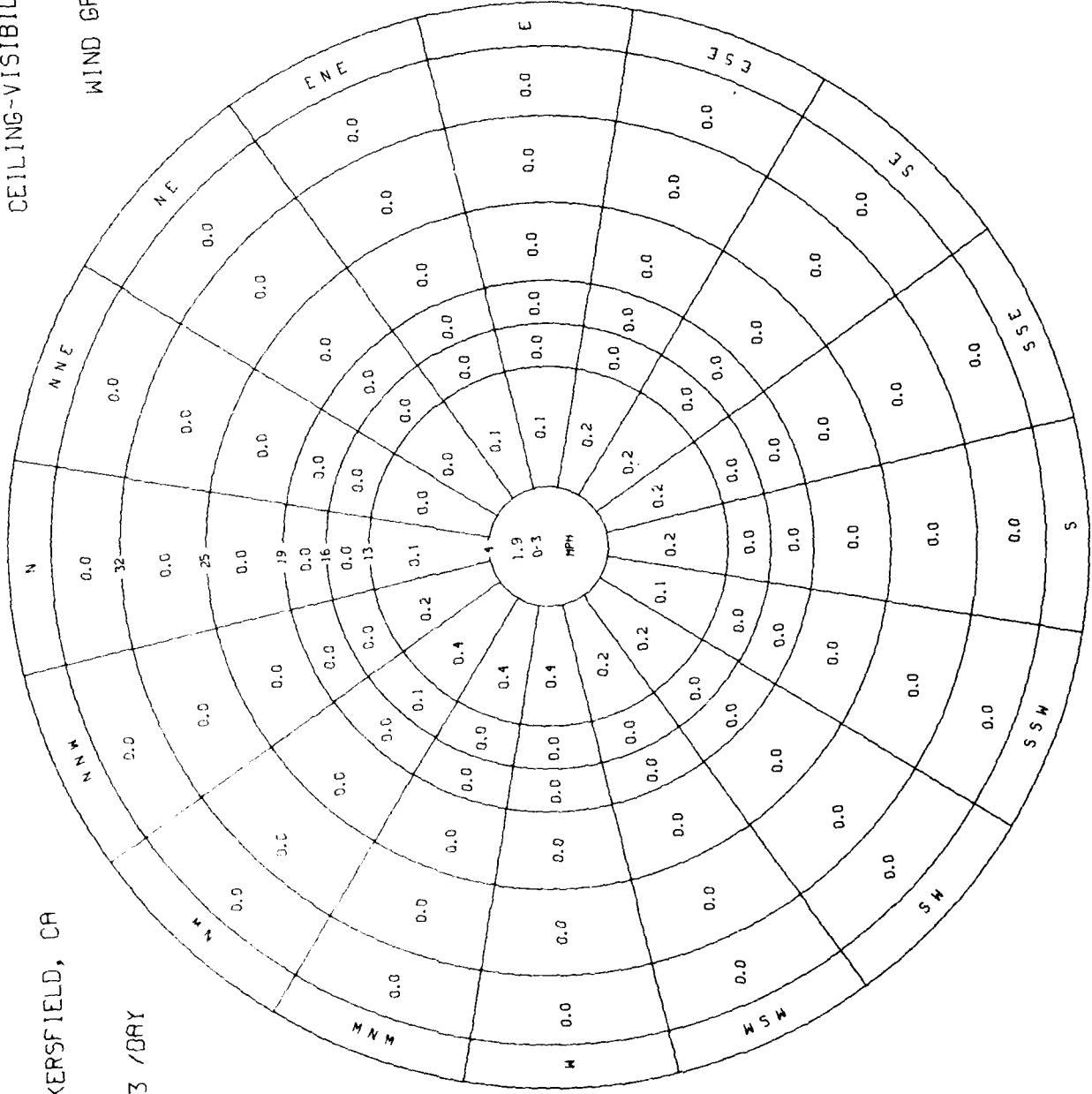
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	.6	.2	3.7	.0	.1	.0	.2	.0	.1	.0	.0	.0	.0	.0	.3	4.7	7.2
NNE	.0	.4	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.0	6.1
NE	.0	.6	.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.7	5.6
ENE	.0	.4	.2	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.0	6.2
E	.1	1.1	.3	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	6.6	5.8
ESE	.0	.5	.3	4.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.3	4.8	6.3
SE	.0	.7	.2	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.7	6.4
SSE	.0	.5	.2	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.6	5.9
S	.0	.5	.2	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.4	5.9
SSW	.0	.7	.1	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.5	5.1
SW	.0	.7	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.2	5.0
WSW	.0	.7	.1	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.8	5.3
W	.1	1.1	.2	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.4	5.4
WNW	.0	.4	.3	4.9	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	5.6	7.1
NW	.1	.9	.4	5.9	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.5	7.5	7.3
NNW	.0	.3	.3	4.3	.0	.5	.0	.2	.0	.0	.0	.1	.0	.0	.0	.3	5.4	8.5
CALM	2.1	34.2														2.1	34.2	
TOTAL	2.7	44.4	3.3	53.1	.1	1.3	.0	.6	.0	.3	.0	.3	.0	.1		6.1	100	4.2

WIND GRAPH

WIND GRAPH

BFL BAKERSFIELD, CA

CLASS 3 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BFL BAKERSFIELD, CA

PERIOD: 1948-1978

CLASS 3 / DAY

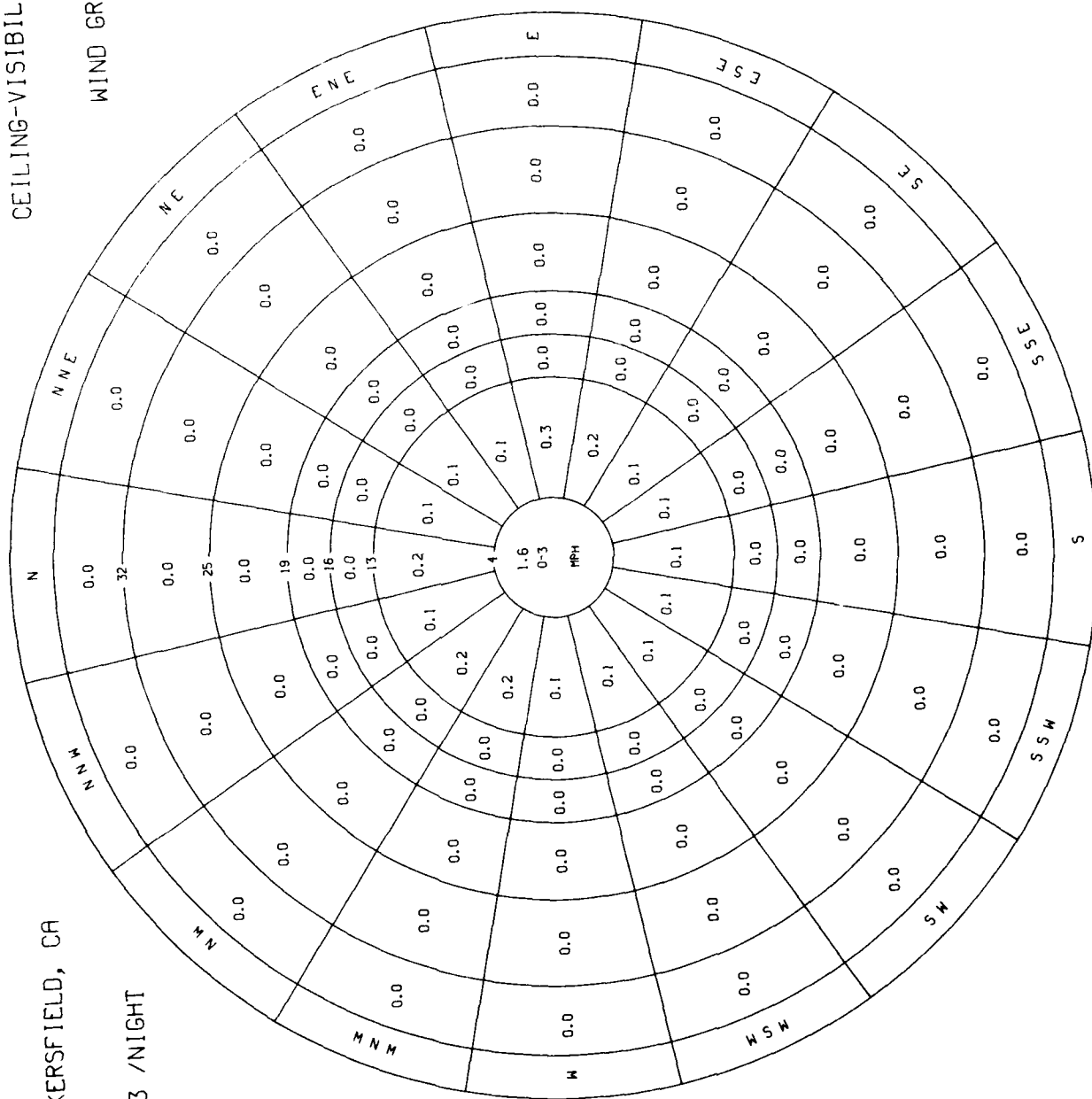
STATION NUMBER: 23155

NO. OBS.: 2642

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D	
N	.0	.3	.1	2.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	3.0	7.7
NNE	.0	.1	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.3
NE	.0	.2	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	6.8
ENE	.0	.2	.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.6	6.0
E	.0	.6	.1	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.3	6.0
ESE	.0	.6	.2	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.9	6.0
SE	.0	.6	.2	3.7	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	4.6	6.6
SSE	.0	.8	.2	3.1	.0	.0	.0	.1	.0	.2	.0	.1	.0	.1	.0	.2	4.4	7.7
S	.1	1.0	.2	4.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.3	6.2
SSW	.0	.6	.1	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.5	5.4
SW	.0	.6	.2	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.6	5.6
WSW	.0	.9	.2	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.3	5.9
W	.1	1.0	.4	7.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	8.9	6.3
WNW	.0	.5	.4	7.8	.0	.5	.0	.1	.0	.1	.0	.0	.0	.0	.0	.5	9.0	7.5
NW	.0	.8	.4	8.2	.1	1.1	.0	.4	.0	.3	.0	.2	.0	.0	.0	.6	10.9	8.7
NNW	.0	.5	.2	3.8	.0	.6	.0	.5	.0	.1	.0	.1	.0	.0	.0	.3	5.6	9.5
CALM	1.4	26.2														1.4	26.2	
TOTAL	1.9	35.4	3.2	59.0	.2	2.9	.1	1.3	.0	.8	.0	.5	.0	.1	.5	4	100	5.2

CEILING-VISIBILITY

WIND GRAPH



BFL BAKERSFIELD, CA

CLASS 3 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BFL BAKERSFIELD, CA

PERIOD: 1948-1978

CLASS 3 / NIGHT

STATION NUMBER: 23155

NO. OBS.: 1566

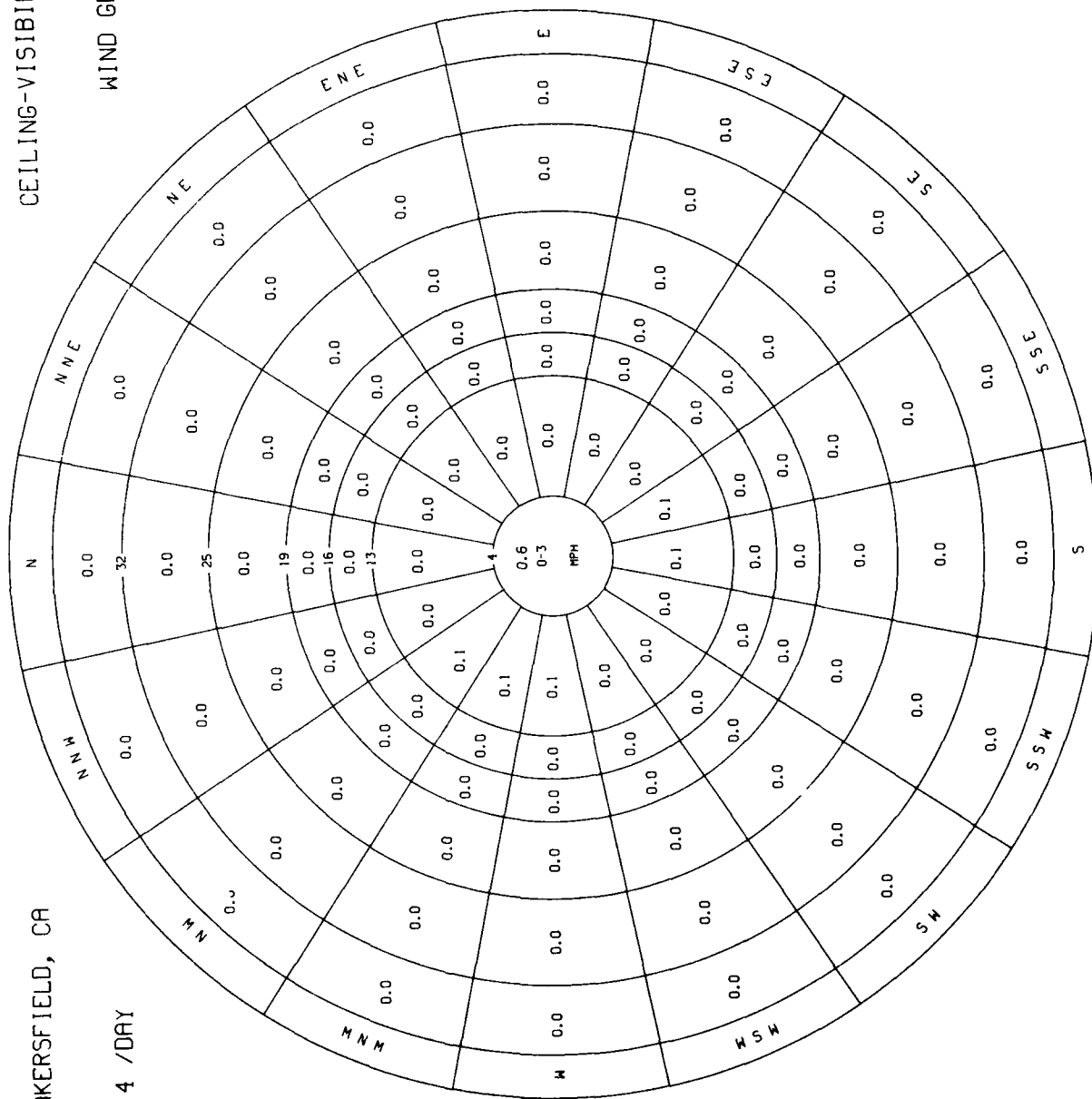
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.6	.2	4.2	.0	.1	.0	.3	.0	.1	.0	.1	.0	.0	.2	5.2	7.5
NNE	.0	.3	.1	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.3	6.5
NE	.0	.6	.1	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.6	5.8
ENE	.0	.6	.1	3.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	4.0	6.3
E	.0	1.0	.3	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	8.1	5.8
ESE	.0	.6	.2	4.3	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.2	5.0	6.2
SE	.0	.7	.1	3.5	.0	.0	.0	.0	.0	.1	.0	.1	.0	.1	.2	4.4	6.8
SSE	.0	.5	.1	2.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	3.4	6.0
S	.0	.6	.1	2.5	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	3.2	6.2
SSW	.0	.8	.1	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.0	5.1
SW	.0	.4	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.0	5.2
WSW	.0	.4	.1	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.4	5.6
W	.0	1.1	.1	3.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.2	5.4
WNW	.0	.4	.2	4.3	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2	5.1	7.5
NW	.0	.7	.2	5.7	.0	.3	.0	.1	.0	.2	.0	.0	.0	.0	.3	7.1	7.7
NNW	.0	.4	.1	3.8	.0	.7	.0	.3	.0	.1	.0	.1	.0	.1	.2	5.4	9.3
CALM	1.2	31.6													1.2	31.6	
TOTAL	1.6	41.5	2.1	55.1	.1	1.5	.0	.9	.0	.4	.0	.4	.0	.1	3.8	100	4.5

CEILING-VISIBILITY

WIND GRAPH

BFL BAKERSFIELD, CA

CLASS 4 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: BFL BAKERSFIELD, CA

CLASS 4 / DAY

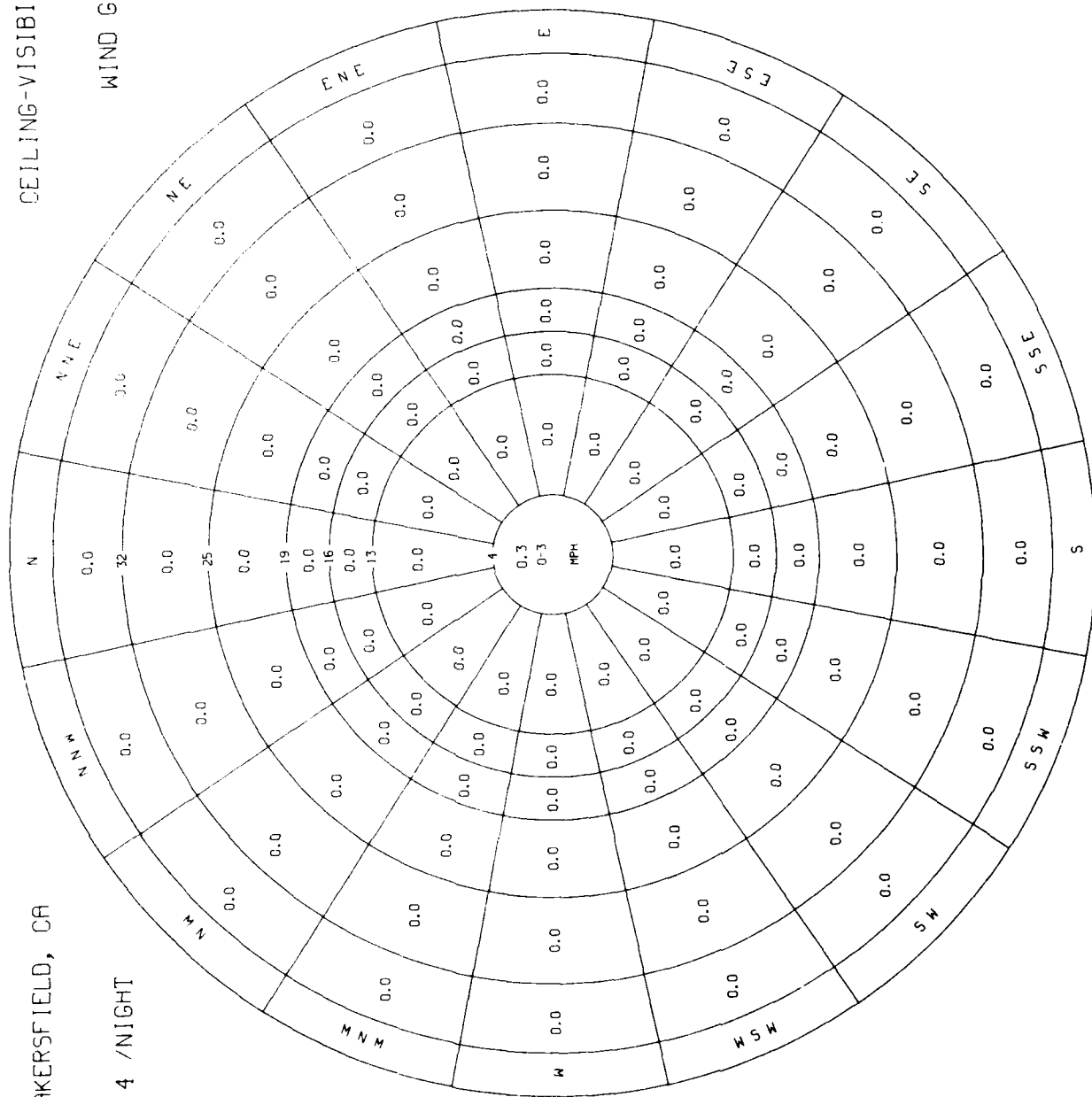
NO. OBS.: 620

STATION NUMBER: 23155

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.5	.0	1.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.4
NNE	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0 6.3
NNE	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0 5.5
ENE	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0 4.5
E	.0	1.1	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.2 5.9
ESE	.0	.3	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.2 5.9
SE	.0	.5	.0	3.9	.0	.0	.0	.0	.0	.2	.0	.3	.0	.2	.1 5.0 8.4
SSE	.0	1.5	.1	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.1 5.8
S	.0	1.1	.1	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.8 5.7
SSW	.0	.8	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.7 5.8
SW	.0	.8	.0	2.3	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0 3.2 6.2
WSW	.0	1.9	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1 4.5 5.1
W	.0	1.3	.1	5.2	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1 6.8 6.3
WNW	.0	1.0	.1	6.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.6 6.8
NW	.0	.8	.1	5.5	.0	.3	.0	.3	.0	.0	.0	.2	.0	.0	.1 7.1 8.0
NNW	.0	1.0	.0	2.3	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0 3.7 6.8
CALM	.4	32.7													.4 32.7
TOTAL	.6	46.5	.6	50.5	.0	1.3	.0	.6	.0	.3	.0	.6	.0	.2	1.3 100 4.4

CEILING-VISIBILITY

WIND GRAPH

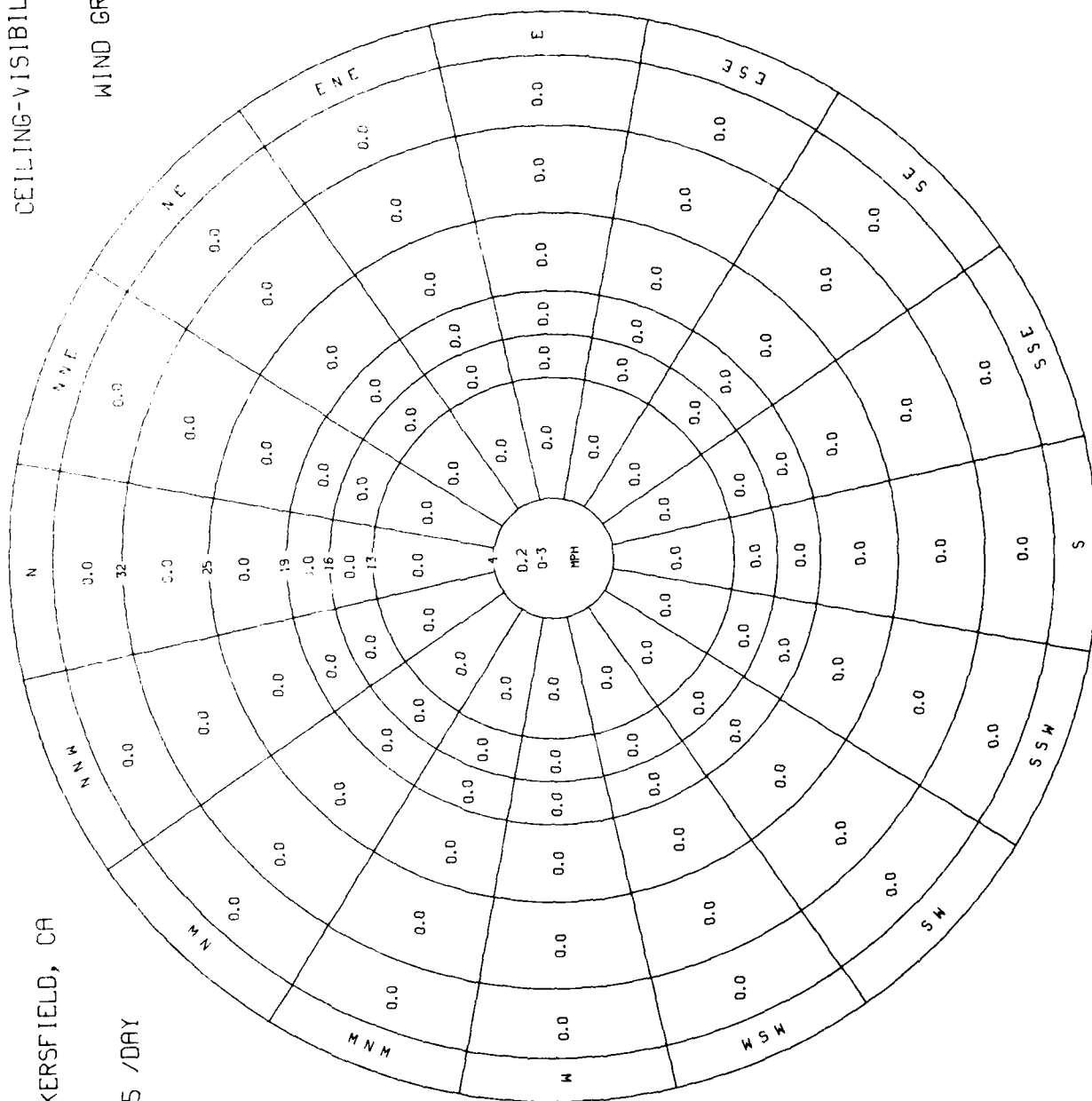


BFL BAKERSFIELD, CA

CLASS 4 /NIGHT

CEILING-VISIBILITY

WIND GRAPH



BFL BAKERSFIELD, CA

CLASS 5 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BFL BAKERSFIELD, CA

PERIOD: 1948-1978

CLASS 5 / DAY

STATION NUMBER: 23155

NO. OBS.: 169

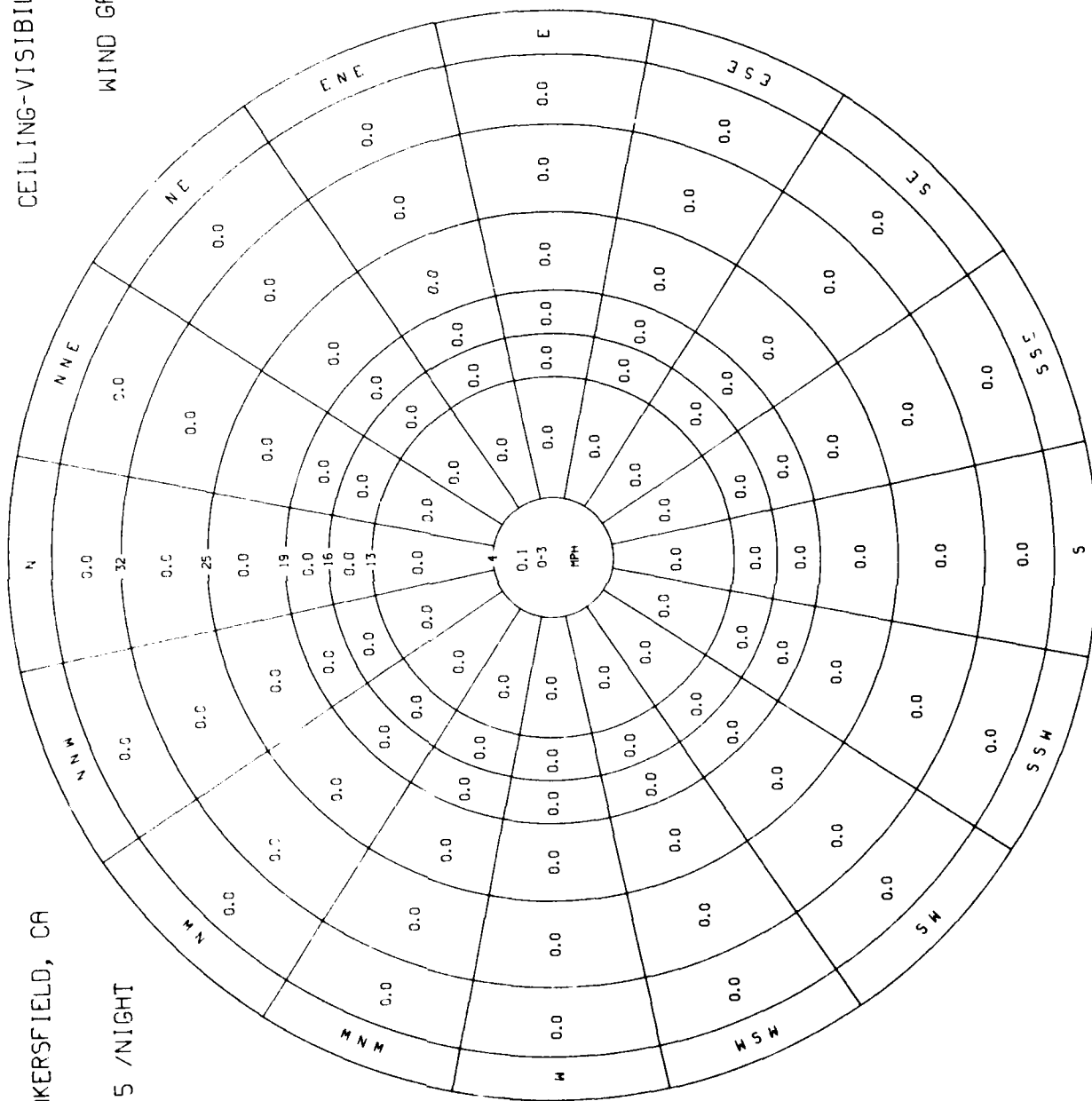
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.6	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.5
NNE	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.0
NE	.0	.6	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	5.6
ENE	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.0
E	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.0
ESE	.0	.0	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	6.1
SE	.0	.6	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	6.3
SSE	.0	3.0	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.6	.0	.0	.0	7.1	6.5
S	.0	1.2	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.8
SSW	.0	1.2	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.3
SW	.0	.6	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	5.1
WSW	.0	.0	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	5.6
W	.0	1.2	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	6.5
WNW	.0	.6	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	6.4
NW	.0	.6	.0	8.9	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	10.1	7.1
NNW	.0	1.2	.0	2.4	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	4.1	8.3
CALM	.1	33.7													.1	33.7	
TOTAL	.2	46.2	.2	52.1	.0	.0	.0	.0	.0	1.2	.0	.6	.0	.0	.3	100	4.1

CEILING-VISIBILITY

WIND GRAPH

BFL BAKERSFIELD, CA

CLASS 5 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: BFL BAKERSFIELD, CA

CLASS 5 / NIGHT

NO. OBS.: 122

STATION NUMBER: 23155

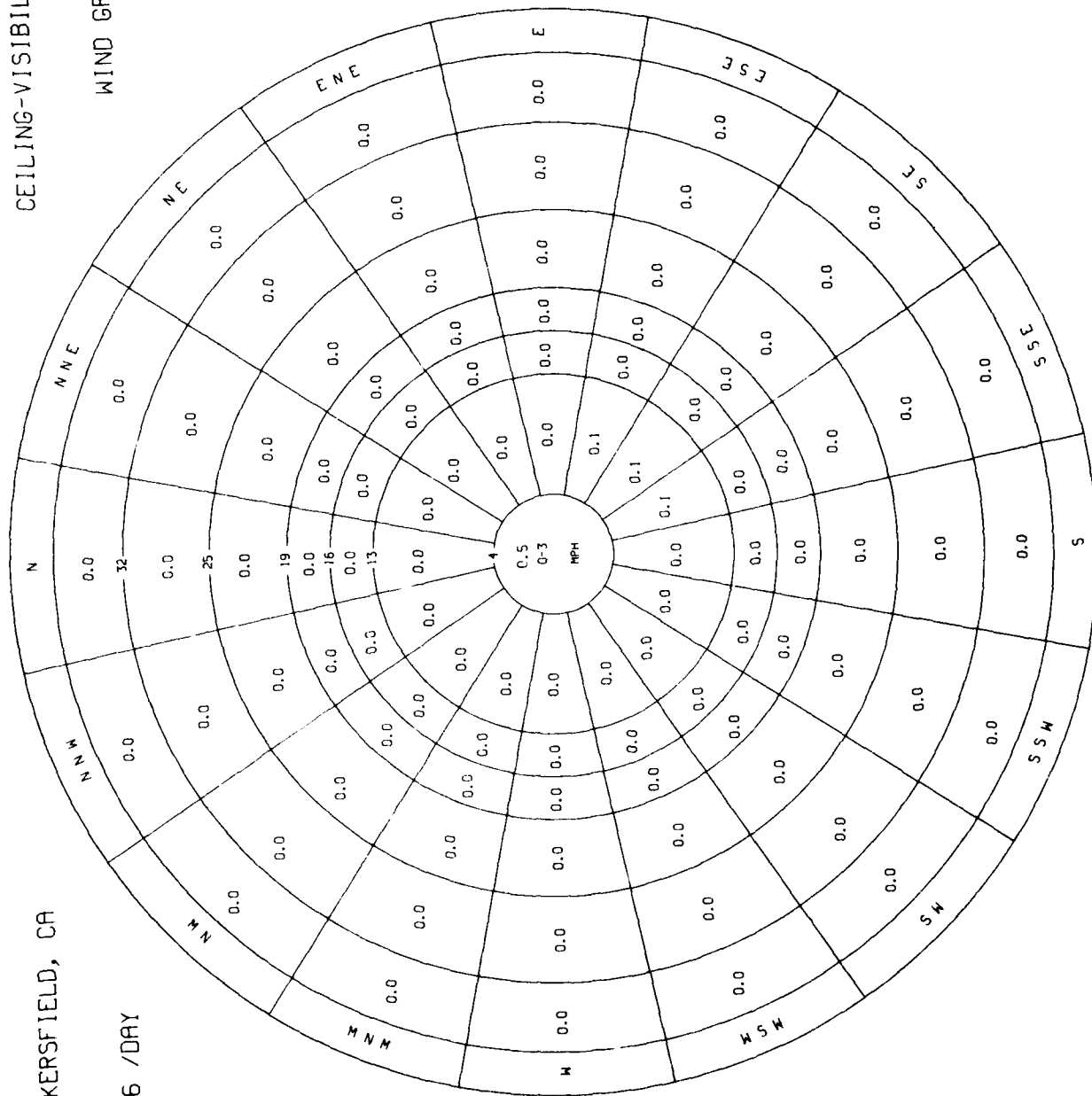
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.6	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.0
NNE	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.5
N	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.0
ENE	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.0
E	.0	1.6	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.3
ESE	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.4
SE	.0	.8	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	7.2
SSE	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.2
S	.0	1.6	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	5.7
SSW	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	6.7
SW	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.4
WSW	.0	3.3	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.7
W	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.4
WNW	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.3
NW	.0	1.6	.0	8.2	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	7.3
NNW	.0	.8	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.0
CALM	.1	35.2	.1	49.2	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	35.2	4.0
TOTAL	.1	48.4	.1	49.2	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.3	100	4.0

CEILING-VISIBILITY

WIND GRAPH

BFL BAKERSFIELD, CA

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BFL BAKERSFIELD, CA

PERIOD: 1948-1978

CLASS 6 / DAY

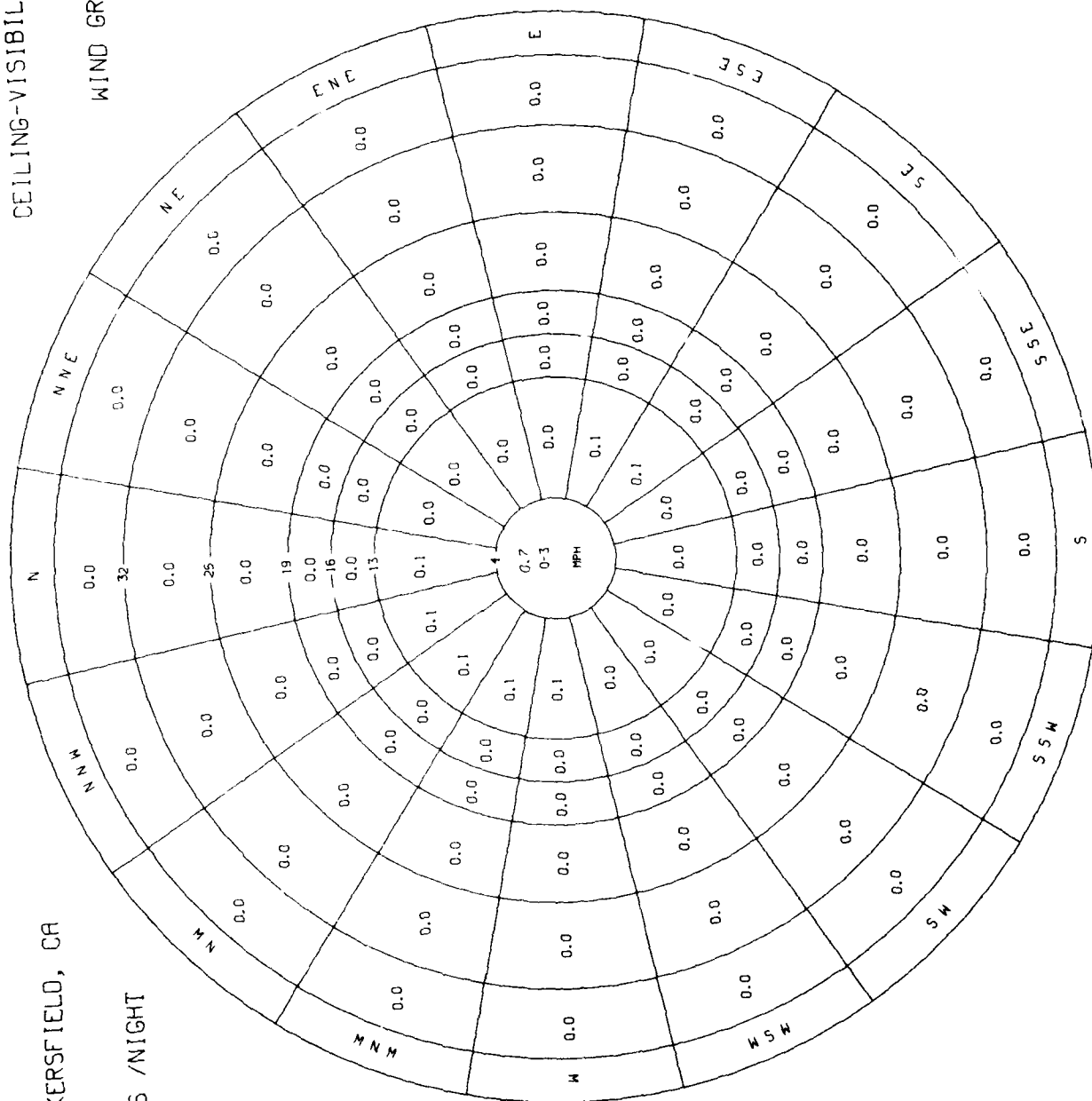
STATION NUMBER: 23155

NO. OBS.: 489

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	.4	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	5.0
NNE	.0	.2	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.0
NE	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.2
ENE	.0	.6	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.1
E	.0	1.4	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.1	5.8
ESE	.0	1.4	.1	6.5	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.1	8.4	7.4	7.4
SE	.0	1.4	.1	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	8.4	6.5	6.5
SSE	.0	.4	.1	5.7	.0	.0	.0	.0	.0	.2	.0	.2	.0	.0	.1	6.5	7.2	7.2
S	.0	1.4	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	4.7	4.7
SSW	.0	.2	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.5	5.5
SW	.0	1.4	.0	1.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	4.9	4.9
WSW	.0	1.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	4.9	4.9
W	.0	.4	.0	3.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.4	5.4
WNW	.0	.2	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.0	6.0
NW	.0	1.2	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.1	6.1	6.5	6.5
NNW	.0	.2	.0	3.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.9	6.9
CALM	.3	33.3													.3	33.3		
TOTAL	.5	45.6	.5	52.6	.0	.6	.0	.0	.0	.2	.0	.6	.0	.4	1.0	100	4.1	4.1

CEILING-VISIBILITY

WIND GRAPH



BFL BAKERSFIELD, CA

CLASS 6 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BFL BAKERSFIELD, CA

PERIOD: 1948-1978

CLASS 6 / NIGHT

STATION NUMBER: 23155

NO. OBS.: 574

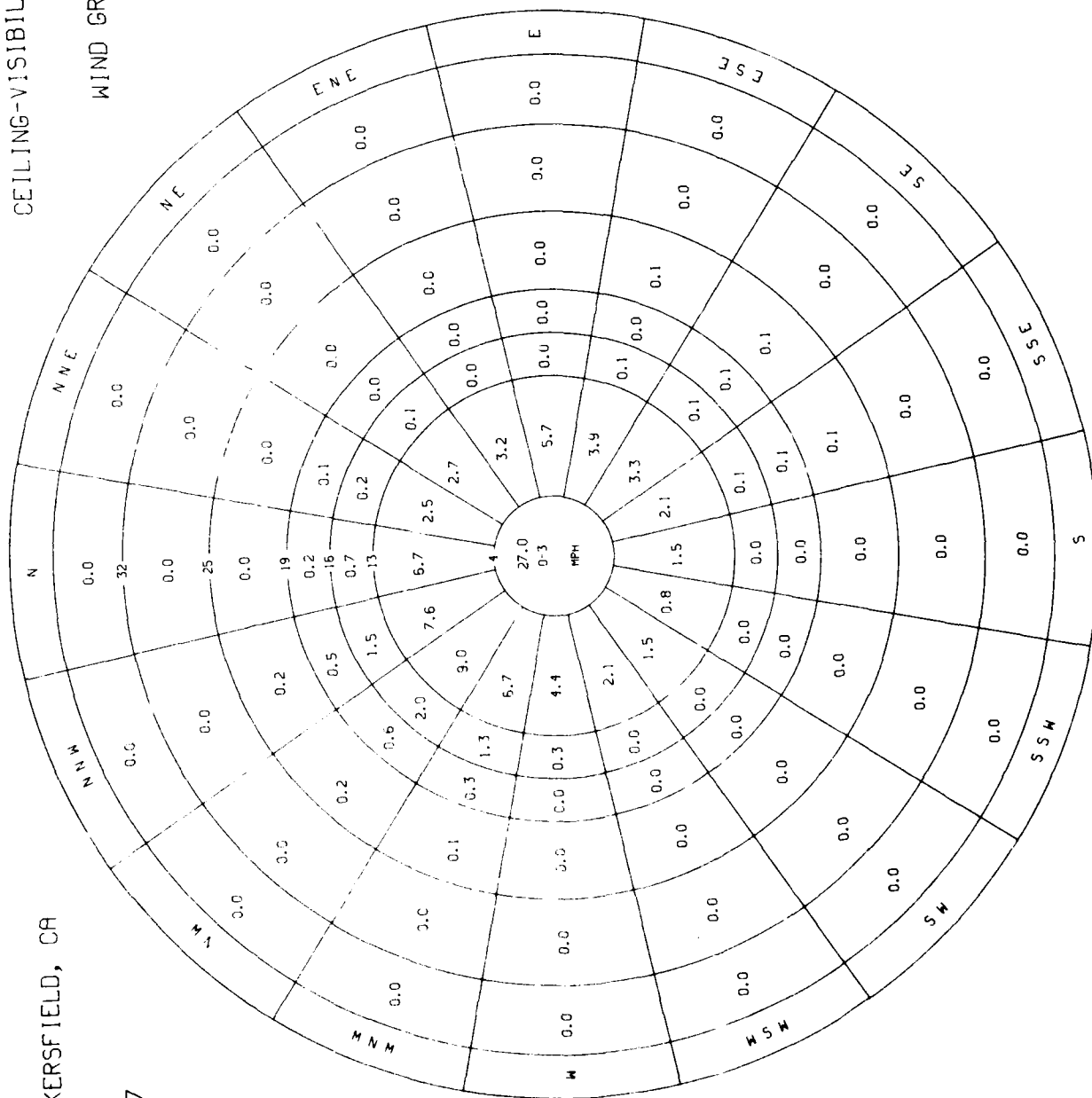
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.5	.1	3.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.4
NNE	.0	.5	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
NNE	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
ENE	.0	.3	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
E	.0	1.6	.0	2.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.5
ESE	.0	.2	.1	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.5
SE	.0	.7	.1	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.4
SSE	.0	.7	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.2
S	.0	.3	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.7
SSW	.0	.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
SW	.0	1.6	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.1
WSW	.0	.5	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
W	.0	1.6	.1	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.2
WNW	.0	.3	.1	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.4
NW	.0	1.7	.1	6.1	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1 8.2
NNW	.0	.0	.1	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.6
CALM	.5	38.7													.5 38.7
TOTAL	.7	50.2	.7	49.1	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	1.4 100
															3.6

CEILING-VISIBILITY

WIND GRAPH

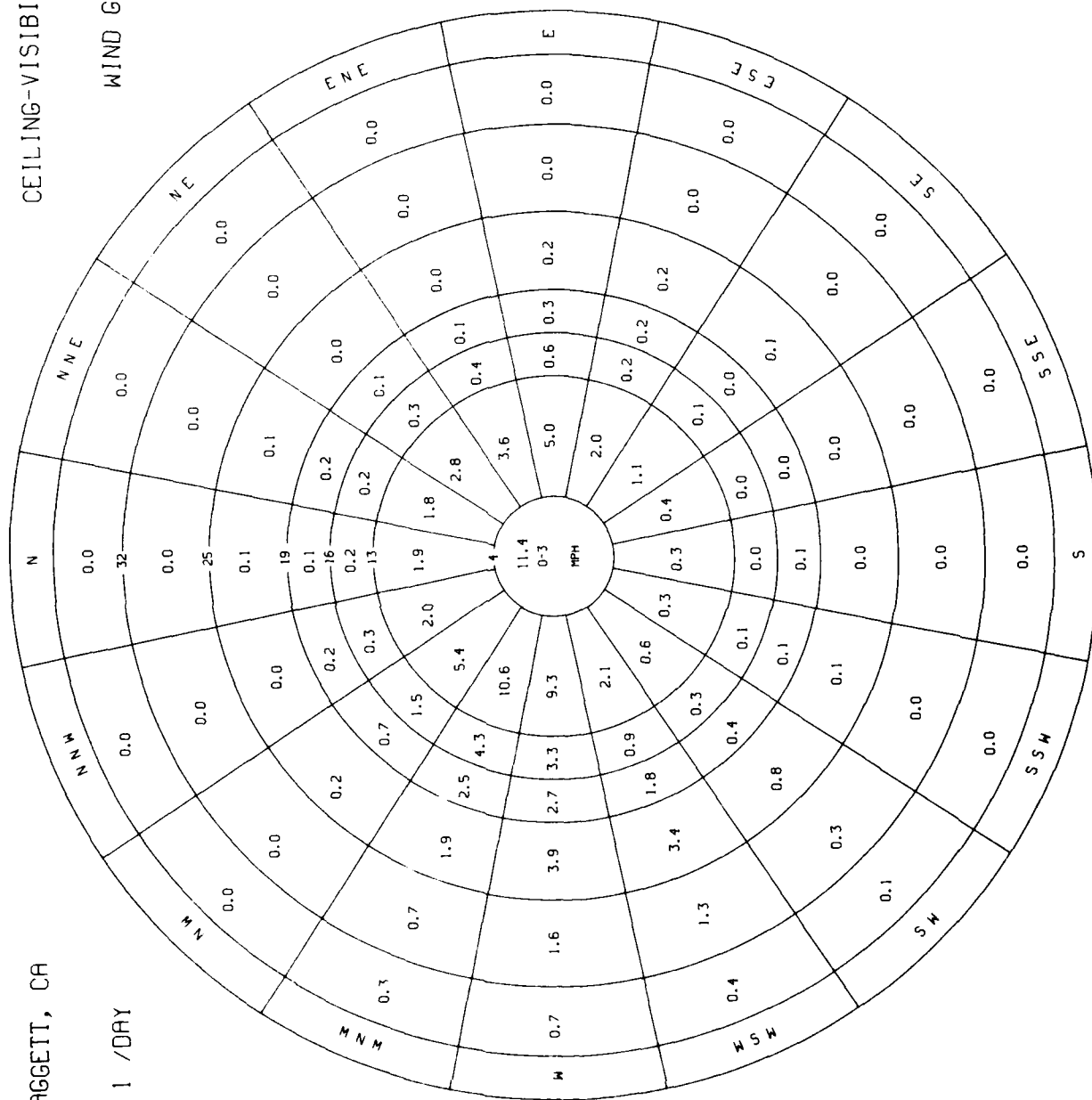
BFL BAKERSFIELD, CA

CLASS 7



CEILING-VISIBILITY WIND GRAPH

DAG DAGGETT, CA
CLASS 1 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME:DAG DAGGETT, CA

PERIOD:1949-1978

CLASS 1 / DAY

STATION NUMBER:23161

NO. OBS.: 47264

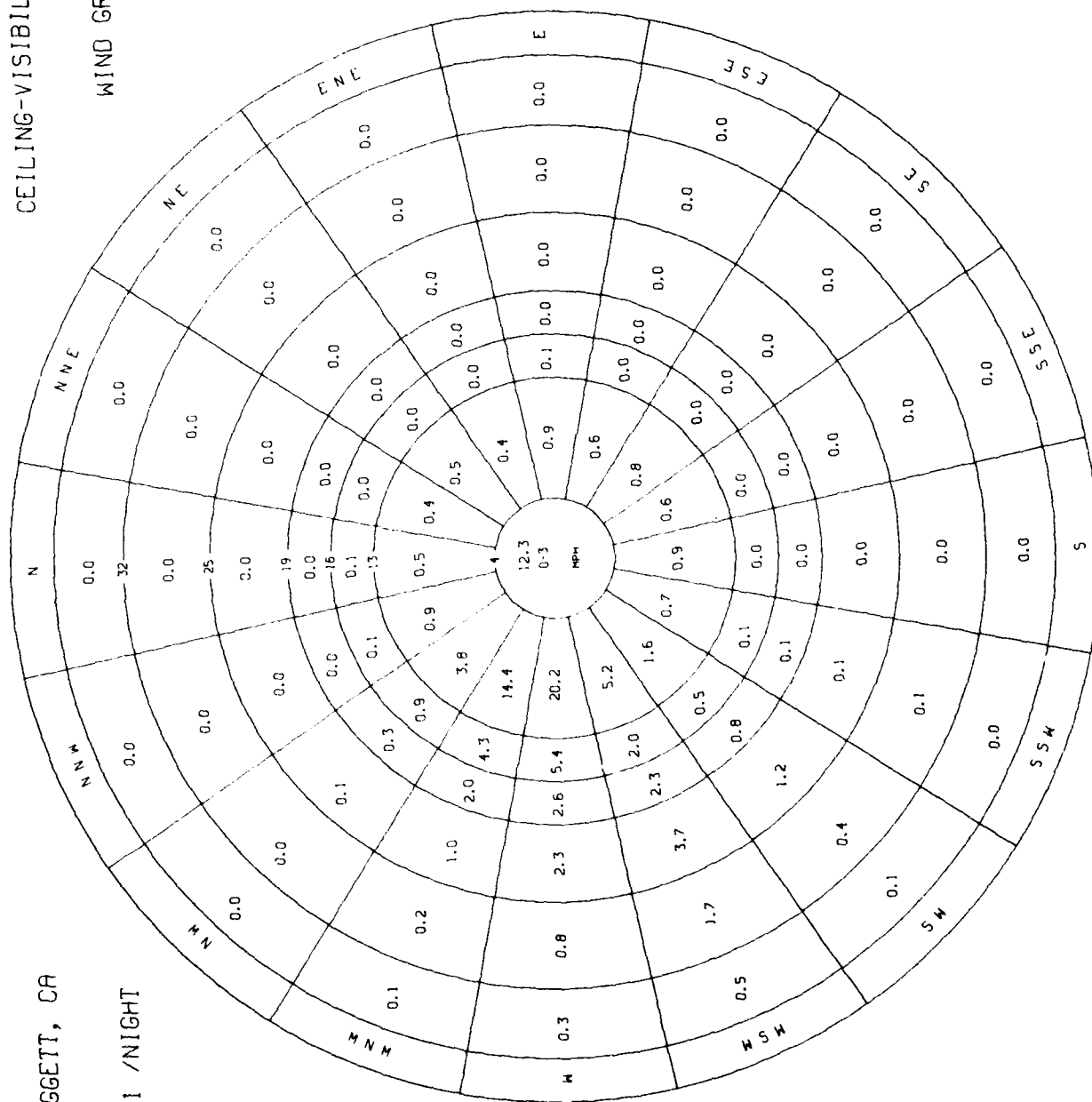
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
N	.2	.2	1.9	2.0	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.6	2.6	8.6
NNE	.2	.2	1.8	1.8	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	2.5	2.6	9.5
NCE	.3	.3	2.8	2.8	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.4	3.5	8.3
ENE	.2	.2	3.6	3.6	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	4.3	4.4	8.7
E	.4	.5	5.0	5.0	.6	.6	.3	.3	.2	.2	.0	.0	.0	.0	6.6	6.6	9.1
ESE	.2	.2	2.0	2.0	.2	.2	.2	.2	.2	.2	.0	.0	.0	.0	2.7	2.7	9.5
SE	.2	.2	1.1	1.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	1.4	1.5	7.9
SSE	.1	.1	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	8.7
S	.1	.1	.3	.3	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.5	.6	9.4
SSW	.1	.1	.3	.3	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.6	.7	12.6
SW	.1	.1	.6	.6	.3	.3	.4	.4	.8	.8	.3	.3	.1	.1	2.7	2.7	17.2
WSW	.1	.1	2.1	2.1	.9	.9	1.8	1.8	3.4	3.4	1.3	1.3	.4	.4	10.0	10.0	18.6
W	.2	.2	9.3	9.4	3.3	3.3	2.7	2.7	3.9	4.0	1.6	1.7	.7	.7	21.9	22.0	15.4
WNW	.2	.2	10.6	10.6	4.3	4.3	2.5	2.5	1.9	1.9	.7	.7	.3	.3	20.5	20.6	13.3
NW	.3	.3	5.4	5.4	1.5	1.5	.7	.7	.2	.2	.0	.0	.0	.0	8.2	8.3	10.7
NNW	.2	.2	2.0	2.0	.3	.3	.2	.2	.0	.0	.0	.0	.0	.0	2.7	2.7	9.1
CALM	8.2	8.2													8.2	8.2	
TOTAL	11.4	11.5	49.1	49.4	12.7	12.7	9.5	9.6	11.2	11.2	4.1	4.1	1.5	1.5	99.5	100	11.9

CEILING-VISIBILITY

WIND GRAPH

DAG DAGGETT, CA

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME:DAG DAGGETT, CA

PERIOD:1949-1978

CLASS 1 / NIGHT

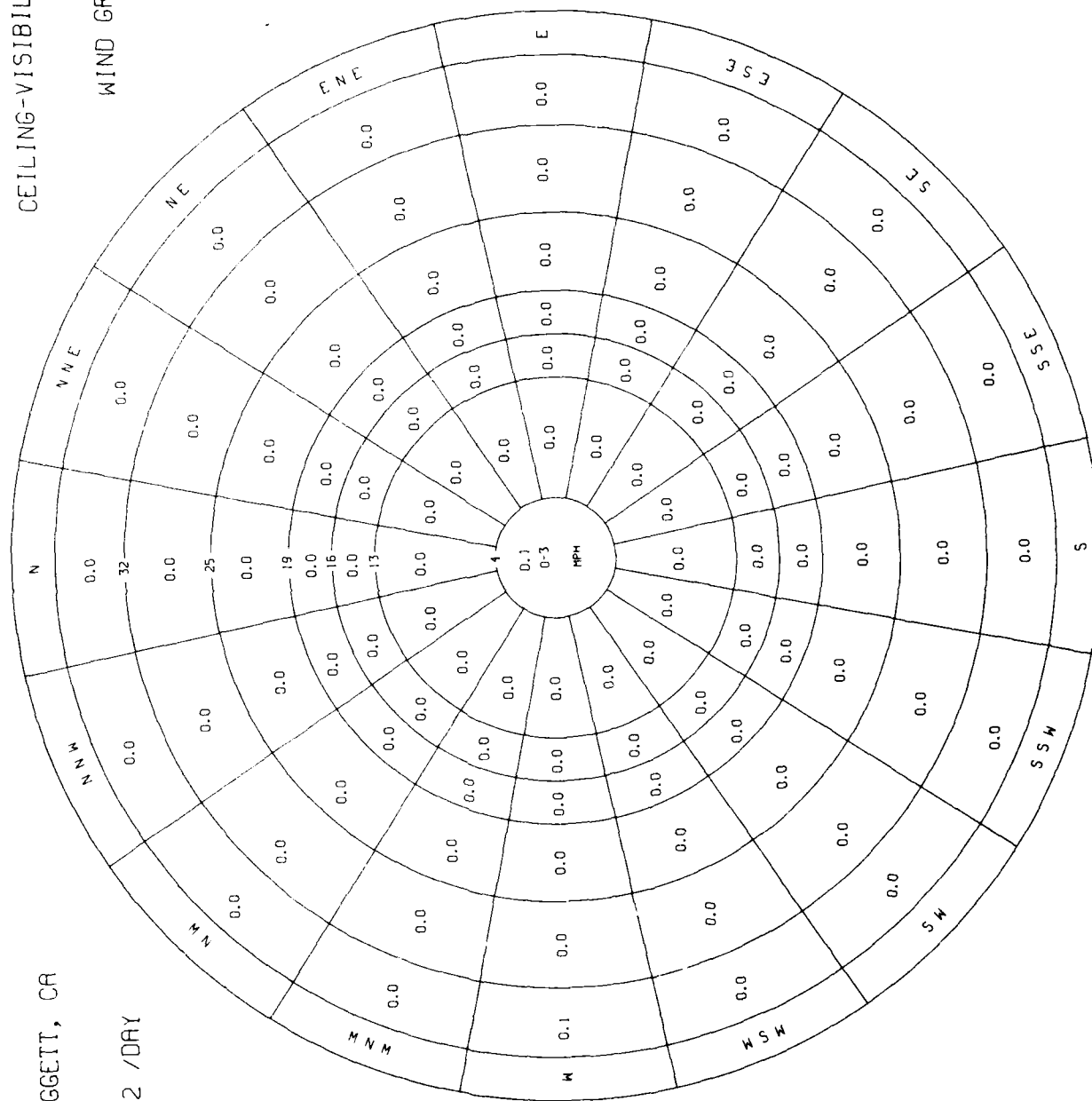
STATION NUMBER:23161

NO. OBS.: 39984

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.1	.1	.5	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.7	8.7
NNE	.0	.0	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	9.3
NE	.1	.1	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.6	7.4
ENE	.1	.1	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.5	7.6
E	.1	.2	.9	.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.1	7.3
ESE	.1	.1	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.8	7.9
SE	.2	.2	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.9	6.4
SSE	.2	.2	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.8	6.3
S	.1	.1	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.1	6.7
SSW	.1	.1	.7	.8	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	1.3	1.3	10.8
SW	.2	.2	1.6	1.6	.5	.5	.8	.8	1.2	1.2	.4	.4	.1	.1	.1	4.7	4.7	15.4
WSW	.2	.2	5.2	5.2	2.0	2.0	2.3	2.3	3.7	3.7	1.7	1.7	.5	.5	.5	15.6	15.6	16.7
W	.5	.5	20.2	20.3	5.4	5.4	2.6	2.6	2.3	2.3	.8	.8	.3	.3	.3	32.1	32.2	12.1
WNW	.3	.3	14.4	14.5	4.3	4.3	2.0	2.0	1.0	1.0	.2	.2	.1	.1	.1	22.4	22.4	11.5
NW	.2	.2	3.8	3.9	.9	.9	.3	.3	.1	.1	.0	.0	.0	.0	.0	5.5	5.5	10.2
NNW	.1	.1	.9	.9	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.2	1.2	9.3
CALM	9.7	9.7														9.7	9.7	
TOTAL	12.3	12.3	52.5	52.7	13.7	13.7	8.4	8.4	8.6	8.7	3.2	3.2	1.0	1.0	1.0	99.7	100	11.2

CEILING-VISIBILITY

WIND GRAPH



DAG DAGGETT, CA

CLASS 2 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DAG DAGGETT, CA

PERIOD: 1949-1978

CLASS 2 / DAY

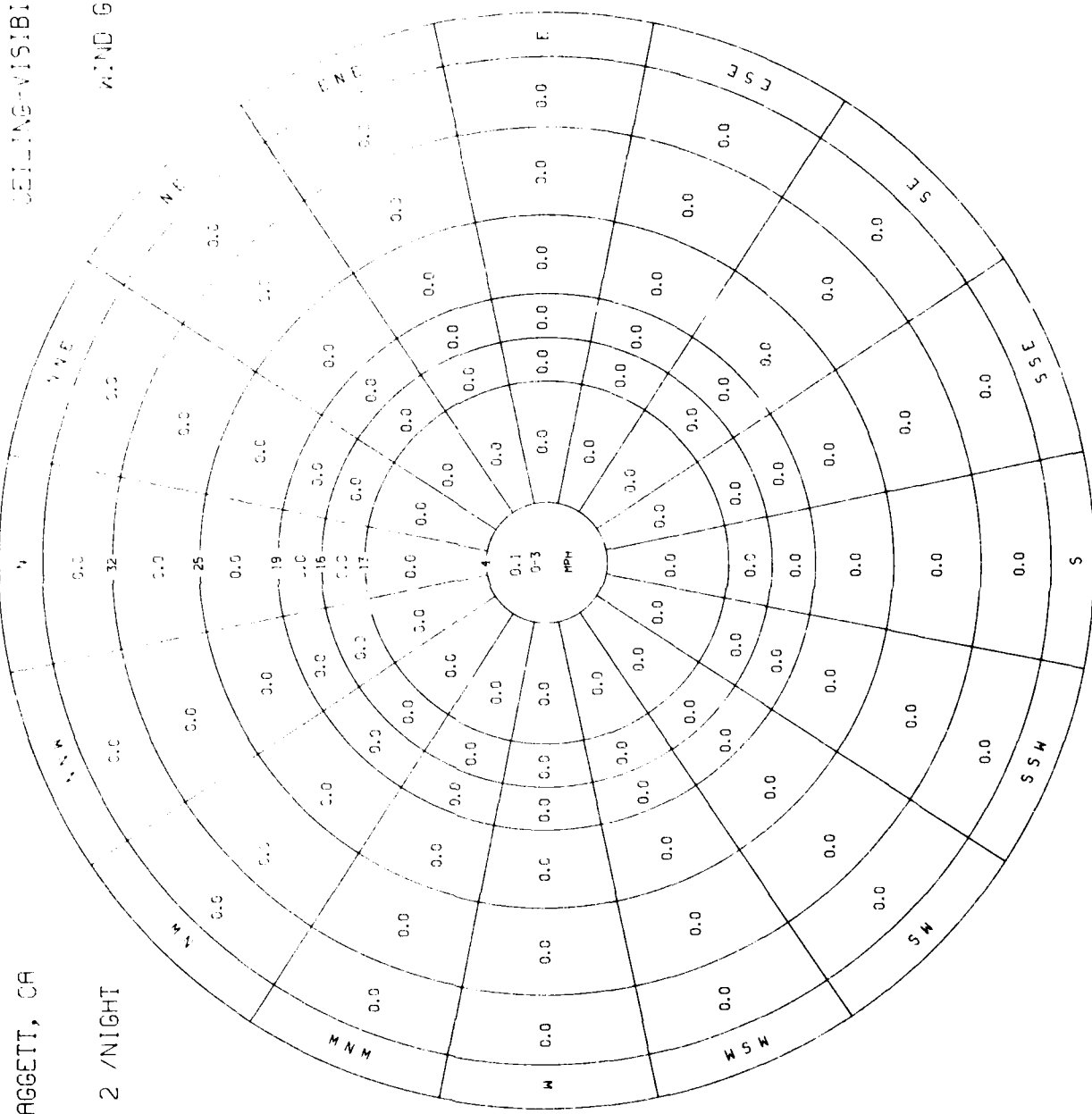
STATION NUMBER: 23161

NO. OBS.: 232

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	7.5
NNE	.0	.4	.0	.9	.0	.0	.0	.4	.0	.0	.0	.0	.0	.4	.0	2.2	14.8
NE	.0	.0	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	7.9
ENE	.0	.4	.0	5.6	.0	.9	.0	.4	.0	.4	.0	.0	.0	.0	.0	7.8	9.7
E	.0	.9	.0	8.6	.0	1.3	.0	.4	.0	.4	.0	.0	.0	.0	.1	11.6	8.9
ESE	.0	.4	.0	2.6	.0	.0	.0	.0	.0	.9	.0	.0	.0	.0	.0	3.9	10.9
SE	.0	.9	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	7.2
SSE	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.5
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	7.0
SW	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.9	22.5
WSW	.0	.9	.0	3.4	.0	.9	.0	.4	.0	.0	.0	1.3	.0	4.3	.1	11.2	24.1
W	.0	.9	.0	5.6	.0	.9	.0	2.2	.0	.9	.0	1.3	.1	10.8	.1	22.4	26.9
WNW	.0	.4	.0	3.4	.0	1.3	.0	1.3	.0	.0	.0	2.6	.0	3.0	.1	12.1	21.9
NW	.0	.4	.0	2.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.4	.0	3.4	14.2
NNW	.0	.4	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	9.7
CALM	.1	12.5													.1	12.5	
TOTAL	.1	19.4	.2	42.2	.0	6.0	.0	5.2	.0	2.6	.0	5.2	.1	19.4	.5	100	15.5

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DAG DAGGETT, CA

PERIOD: 1949-1978

CLASS 2 / NIGHT

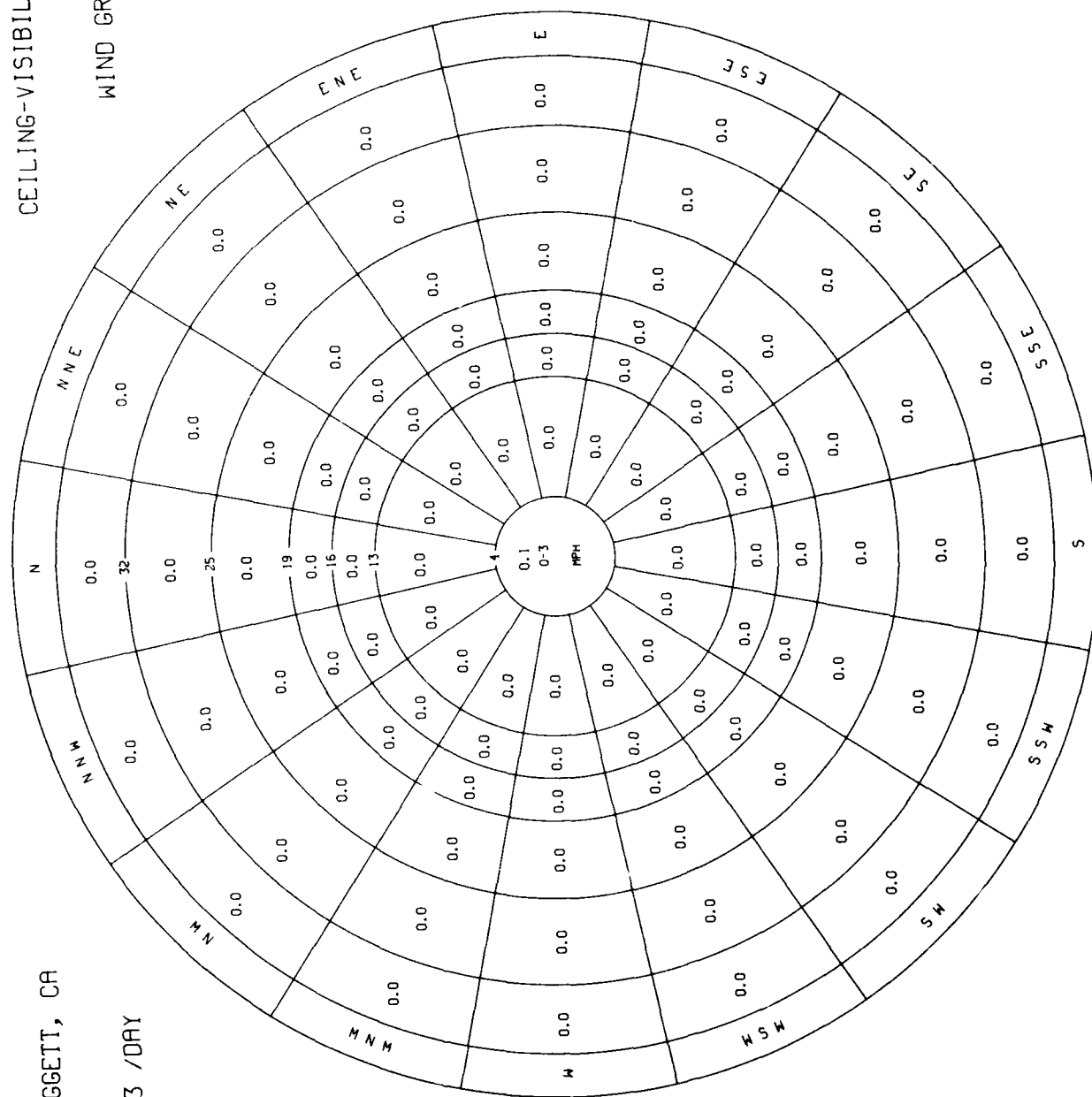
STATION NUMBER: 23161

NO. OBS.: 133

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.8	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.0
NNE	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
NE	.0	.8	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.8
ENE	.0	.8	.0	6.8	.0	.8	.0	1.5	.0	.0	.0	.0	.0	.0	.0 9.8
E	.0	.8	.0	11.3	.0	.0	.0	1.5	.0	.0	.0	.8	.0	.0	.0 14.3
ESE	.0	.0	.0	7.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.5
SE	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
SSE	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
S	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
SSW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
SW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
WSW	.0	.8	.0	1.5	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.0
W	.0	.8	.0	9.0	.0	1.5	.0	2.3	.0	.0	.0	.8	.0	1.5	.1 15.8
WNW	.0	.0	.0	9.0	.0	3.8	.0	.0	.0	.0	.0	.8	.0	.8	.0 14.3
NW	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.0
NNW	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
CALM	.1	17.3													.1 17.3
TOTAL	.1	23.3	.2	58.6	.0	8.3	.0	5.3	.0	.0	.0	2.3	.0	2.3	.3 100
															8.6

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DAG DAGGETT, CA

PERIOD: 1949-1978

CLASS 3 / DAY

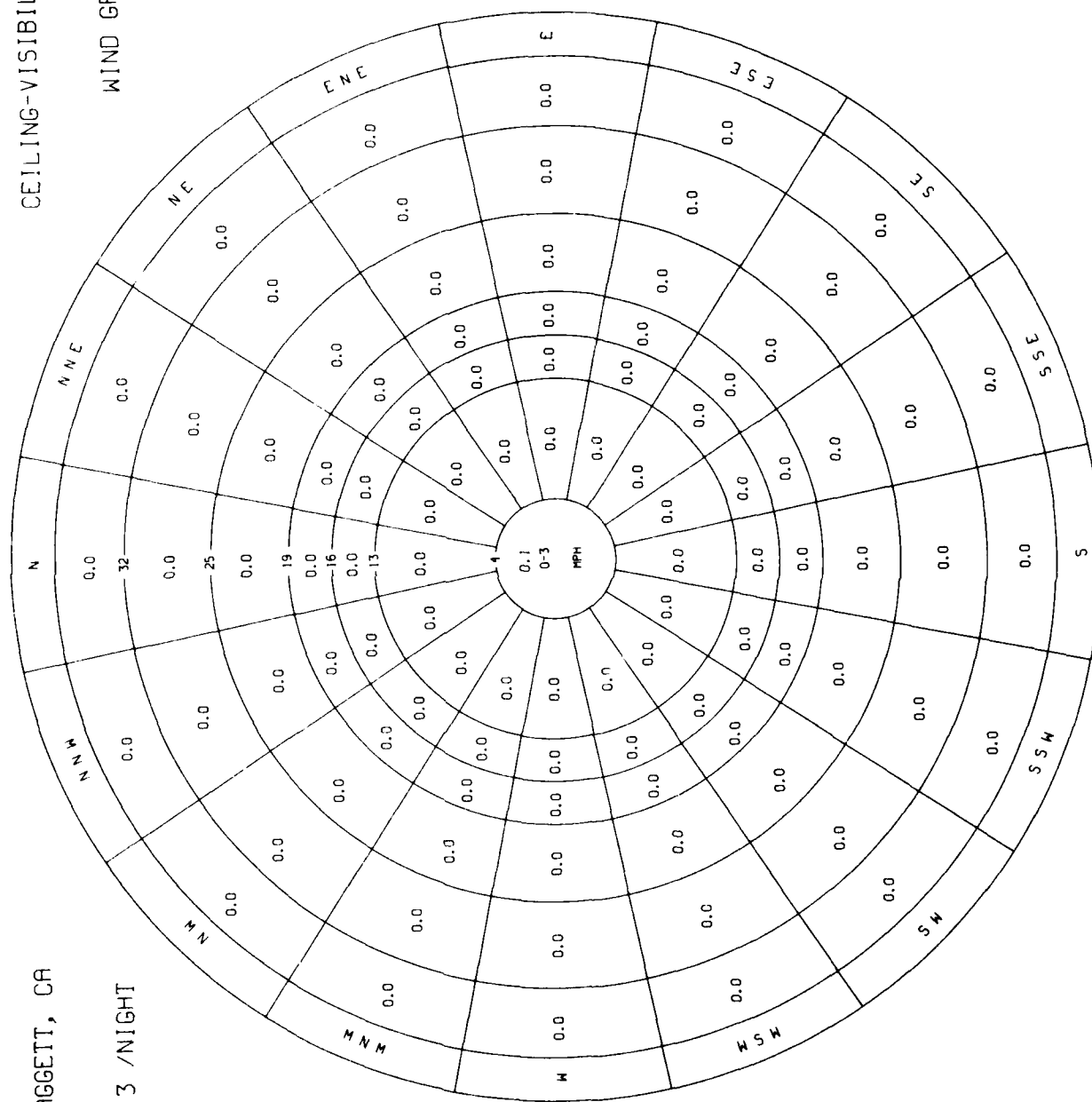
STATION NUMBER: 23161

NO. OBS.: 181

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			
																C	D
N	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.5
NNE	.0	.6	.0	.6	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.6	2.2	15.5
NE	.0	.0	.0	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	8.4
ENE	.0	.0	.0	6.6	.0	1.1	.0	.6	.0	.6	.0	.0	.0	.0	.0	8.8	10.3
E	.0	1.1	.0	8.3	.0	1.7	.0	.6	.0	.6	.0	.0	.0	.0	.0	12.2	9.1
ESE	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	7.5
SE	.0	.6	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	8.2
SSE	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	6.5
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	7.0
SW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	1.1	22.5
WSW	.0	1.1	.0	3.3	.0	.6	.0	.6	.0	.0	.0	1.7	.0	4.4	.0	11.6	24.2
W	.0	.6	.0	3.9	.0	.6	.0	2.8	.0	1.1	.0	1.7	.0	9.9	.1	20.4	26.7
WNW	.0	.0	.0	3.9	.0	.6	.0	1.7	.0	.0	.0	2.8	.0	1.7	.0	10.5	19.8
NW	.0	.6	.0	2.8	.0	.6	.0	.0	.0	.0	.0	.0	.0	.6	.0	4.4	14.2
NNW	.0	.6	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	9.7
CALM	.1	13.3													.1	13.3	
TOTAL	.1	19.3	.2	42.5	.0	5.5	.0	6.6	.0	2.2	.0	6.1	.1	17.7	.4	100	14.8

DAG DAGGETT, CA

CLASS 3 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME:DAG DAGGETT, CA

PERIOD: 1949-1978

CLASS 3 / NIGHT

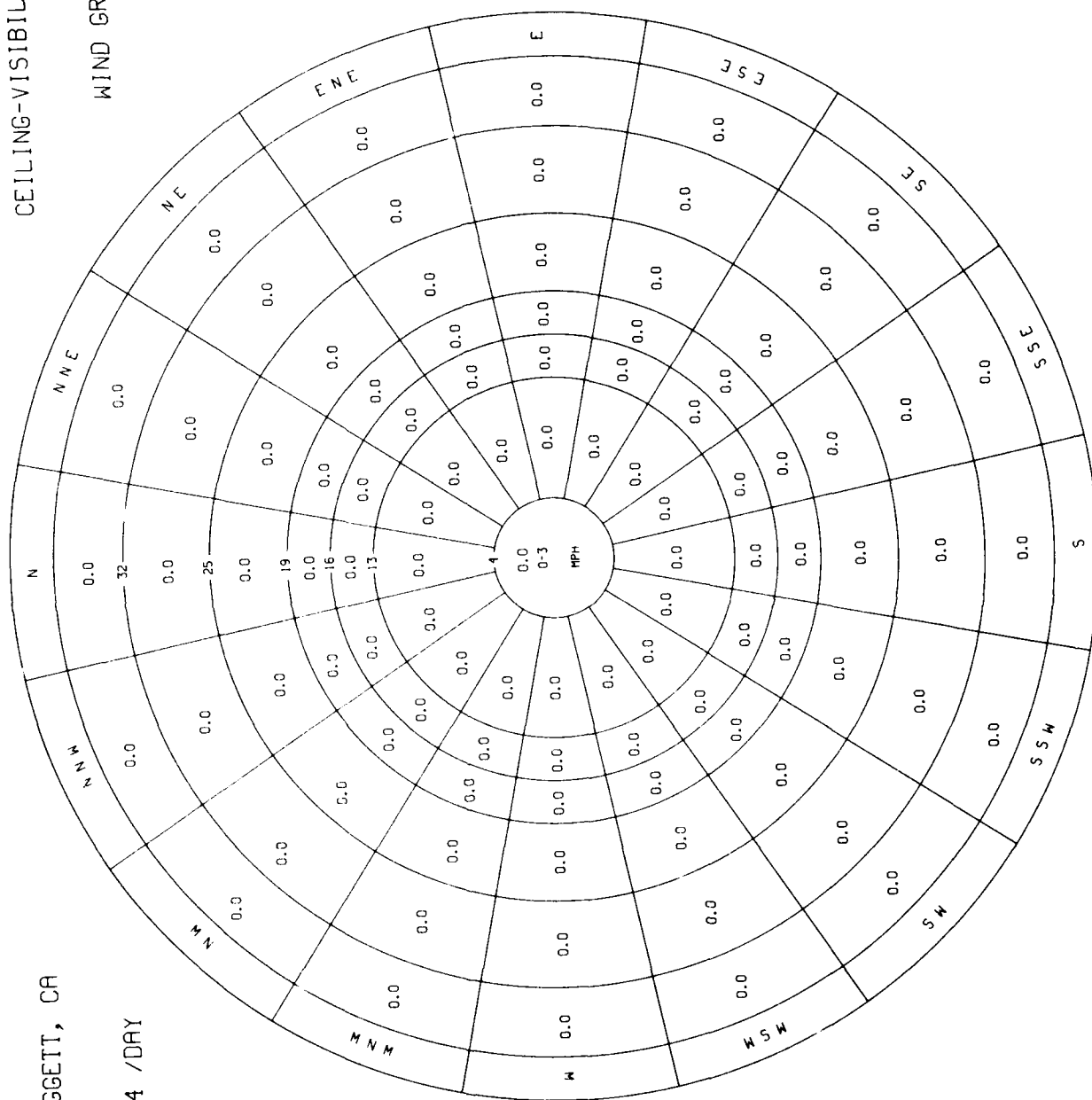
STATION NUMBER:23161

NO. OBS.: 102

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			
N	.0	.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	6.3
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	1.0	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	9.4
ENE	.0	.0	.0	6.9	.0	1.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	9.8	12.2
E	.0	.0	.0	13.7	.0	.0	.0	2.0	.0	.0	.0	1.0	.0	.0	.0	16.7	11.4
ESE	.0	.0	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	7.4
SE	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.5
SSE	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.0
S	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	7.5
SSW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	9.0
SW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.0
WSW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	7.5
W	.0	1.0	.0	9.8	.0	1.0	.0	1.0	.0	.0	.0	1.0	.0	.0	.0	15.7	14.4
WNW	.0	.0	.0	8.8	.0	3.9	.0	.0	.0	.0	.0	1.0	.0	.0	.0	14.7	12.6
NW	.0	1.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	7.0
NNW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.0
CALM	.0	17.6													.0	17.6	
TOTAL	.1	20.6	.2	60.8	.0	7.8	.0	4.9	.0	.0	.0	2.9	.0	.0	.3	100	9.1

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: DAG DAGGETT, CA

PERIOD: 1949-1978

CLASS 4 / DAY

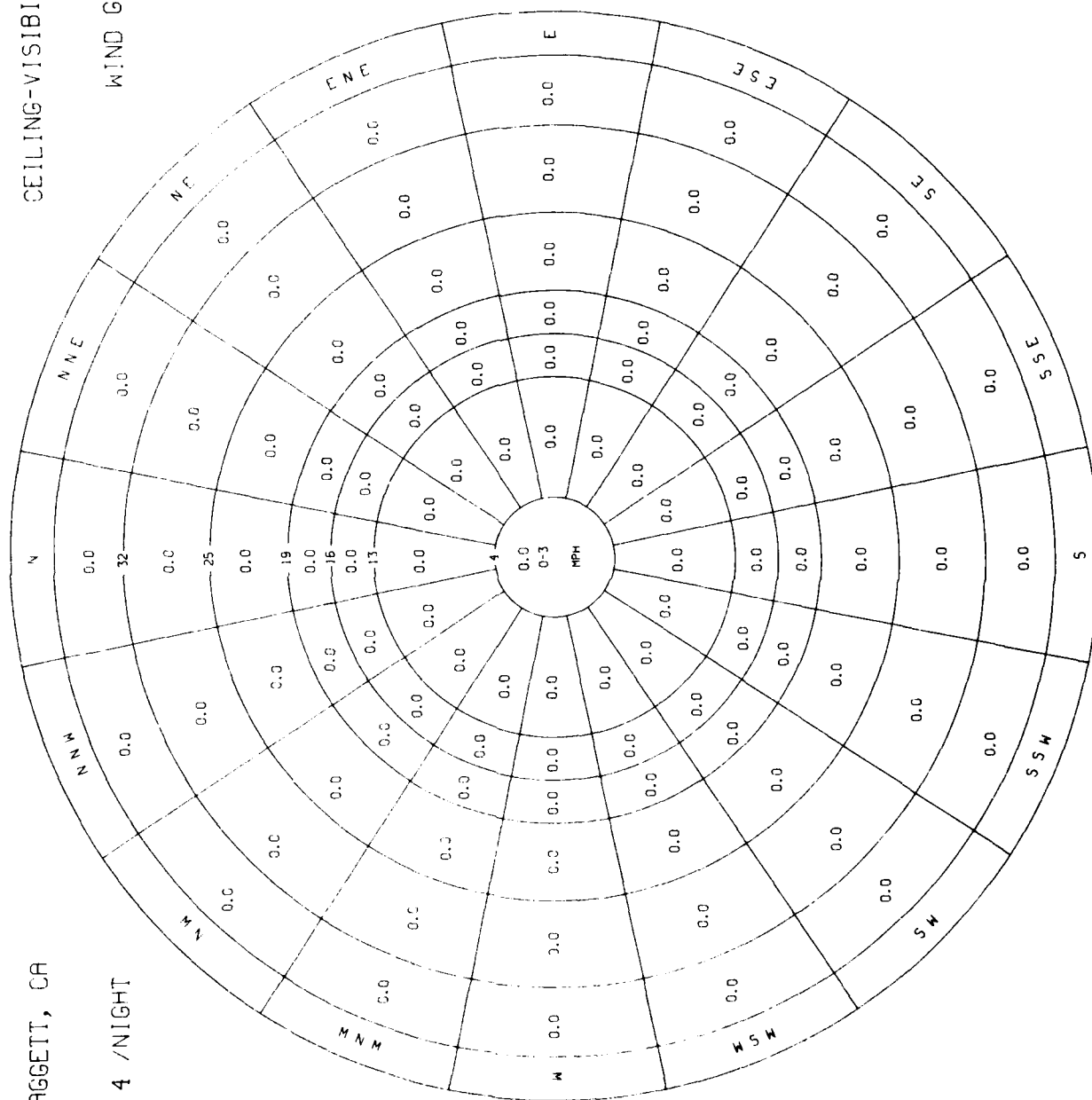
STATION NUMBER: 23161

NO. OBS.: 26

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
NE	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
ENE	.0	3.8	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7
E	.0	.0	.0	15.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.4
ESE	.0	3.8	.0	3.8	.0	.0	.0	.0	.0	7.7	.0	.0	.0	.0	.0	.0	15.4
SE	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	7.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.5
W	.0	.0	.0	7.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.4
WNW	.0	3.8	.0	3.8	.0	3.8	.0	.0	.0	.0	.0	.0	3.8	.0	3.8	.0	19.2
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	3.8														.0	3.8
TOTAL	.0	19.2	.0	50.0	.0	3.8	.0	.0	.0	7.7	.0	3.8	.0	15.4	.0	1	100
																	15.5

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: DAG DAGGETT, CA

CLASS 4 / NIGHT

NO. OBS.: 16

STATION NUMBER: 23161

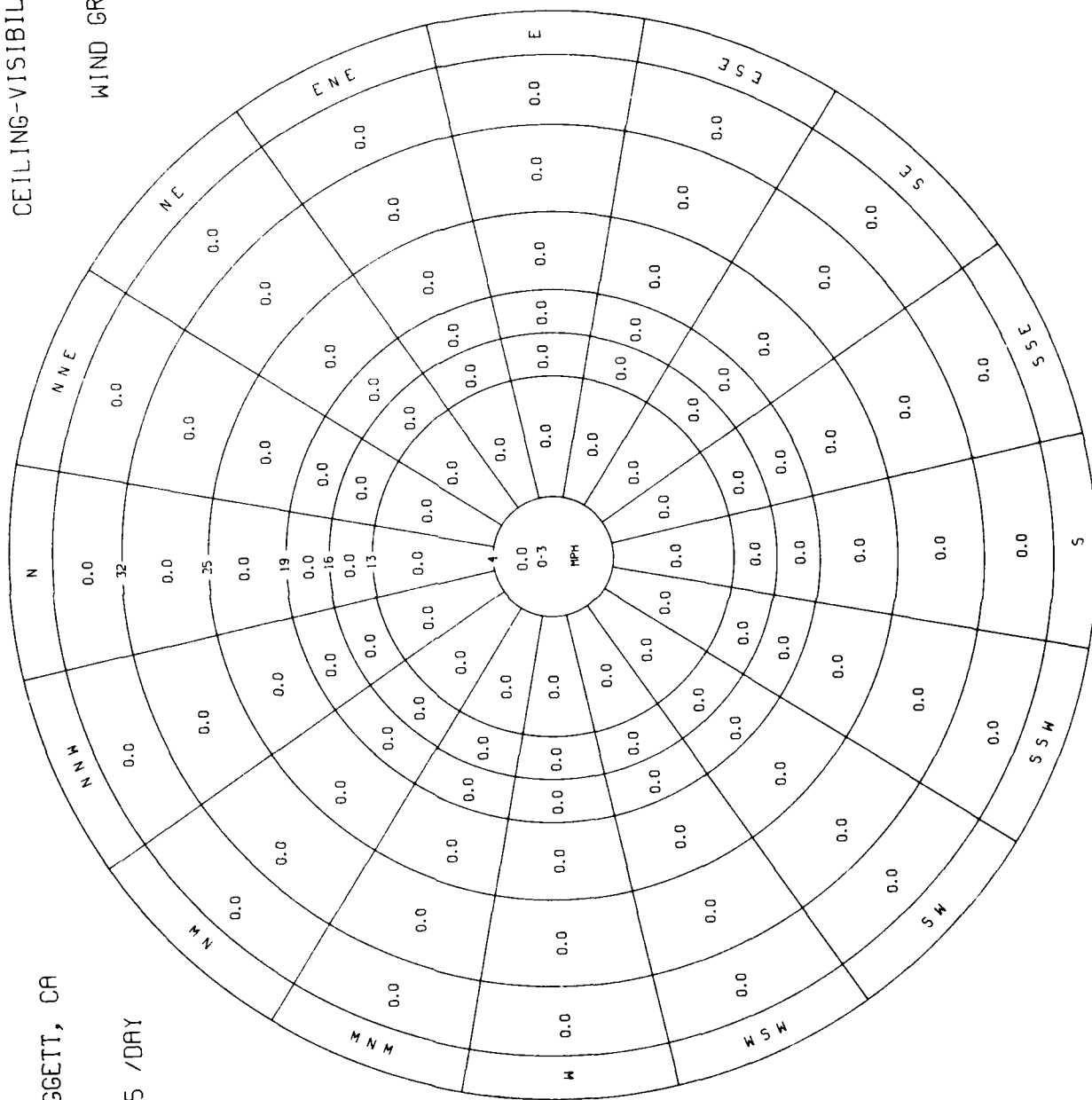
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D
N	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3
NNE	.0	.0	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3
NENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	6.3	.0	12.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.8
E	.0	6.3	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5
ESE	.0	.0	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3
WSW	.0	.0	.0	.0	.0	.0	.0	12.5	.0	.0	.0	.0	.0	.0	.0	18.8
W	.0	.0	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5
WNW	.0	.0	.0	6.3	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3
CALM	.0	6.3														
TOTAL	.0	25.0	.0	50.0	.0	12.5	.0	12.5	.0	.0	.0	.0	.0	.0	.0	100
																9.3

CEILING-VISIBILITY

WIND GRAPH

DAG DAGGETT, CA

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949 1978

STATION NAME: DAG DAGGETT, CA

CLASS 5 / DAY

NO. OBS.: 14

STATION NUMBER: 23161

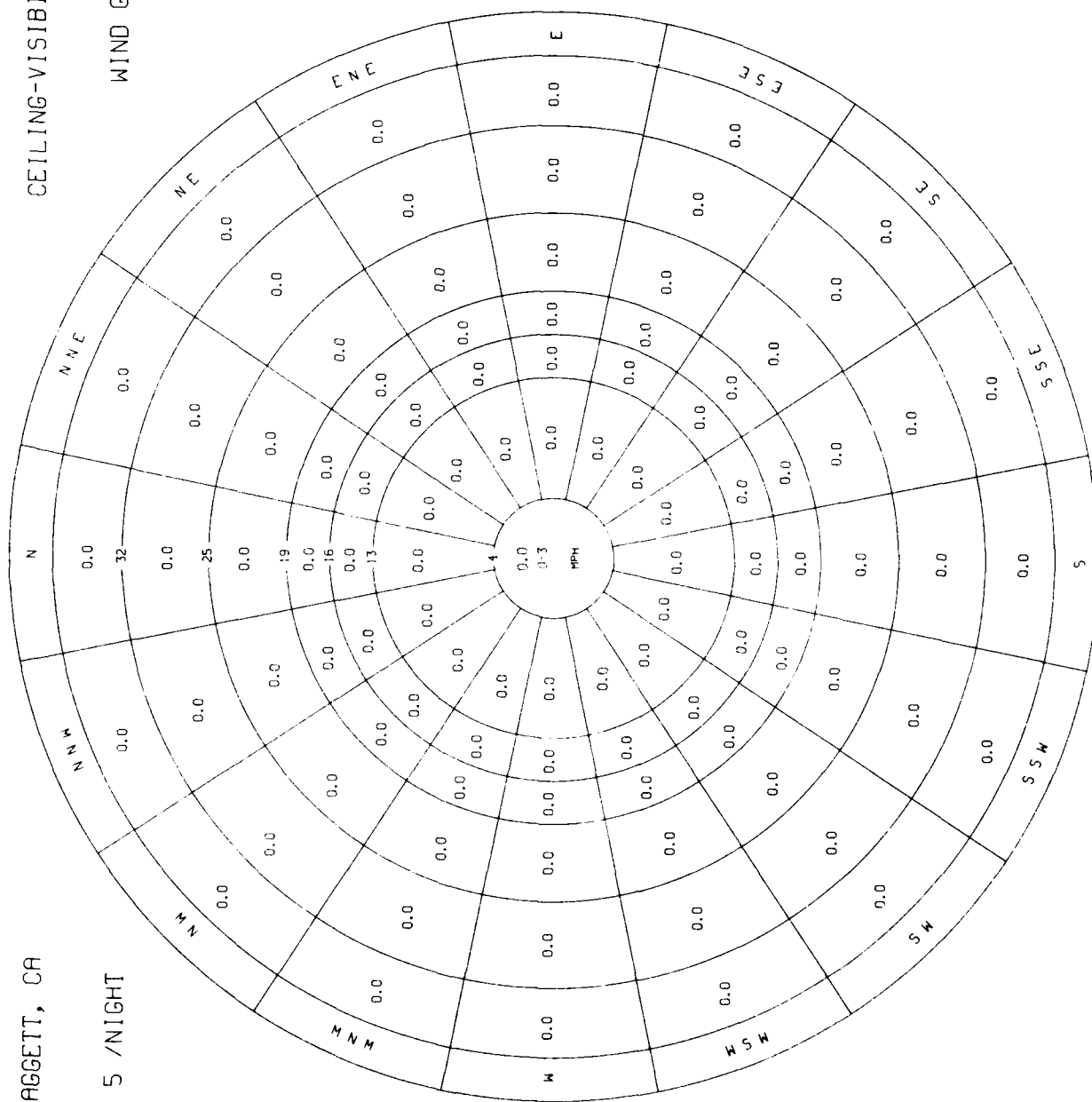
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
ESE	.0	.0	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0
SE	.0	.0	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	7.1	.0	.0	.0	.0	.0	.0	.0	.0	15.0
WSW	.0	.0	.0	7.1	.0	7.1	.0	.0	.0	.0	.0	.0	.0	21.4	29.6
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.4	41.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	7.1													7.1
TOTAL	.0	7.1	.0	35.7	.0	14.3	.0	.0	.0	.0	.0	.0	.0	42.9	22.4

CEILING-VISIBILITY

WIND GRAPH

DAG DAGGETT, CA

CLASS 5 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: DAG DAGGETT, CA

CLASS 5 / NIGHT

NO. OBS.: 12

STATION NUMBER: 23161

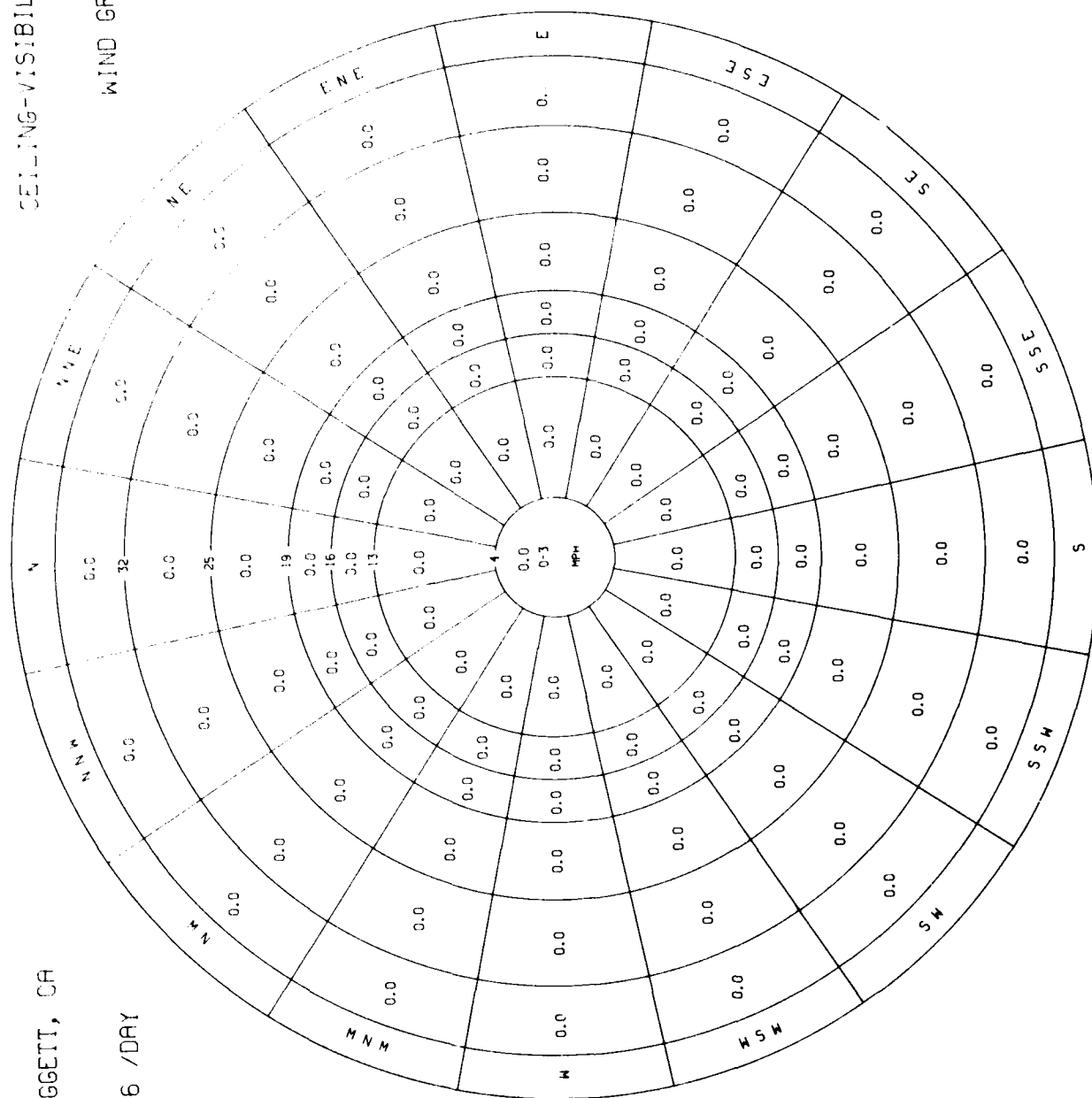
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5		
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0		
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
WSW	.0	8.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	2.0		
W	.0	.0	.0	8.3	.0	8.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.7	11.0		
WNW	.0	.0	.0	8.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	10.0		
NW	.0	8.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	3.0		
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
CALM	.0	16.7															.0	16.7	
TOTAL	.0	33.3	.0	58.3	.0	8.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9		

CEILING-VISIBILITY

WIND GRAPH

DAG DAGGETT, CA

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: DAG DAGGETT, CA

CLASS 6 / DAY

NO. OBS.: 11

STATION NUMBER: 23161

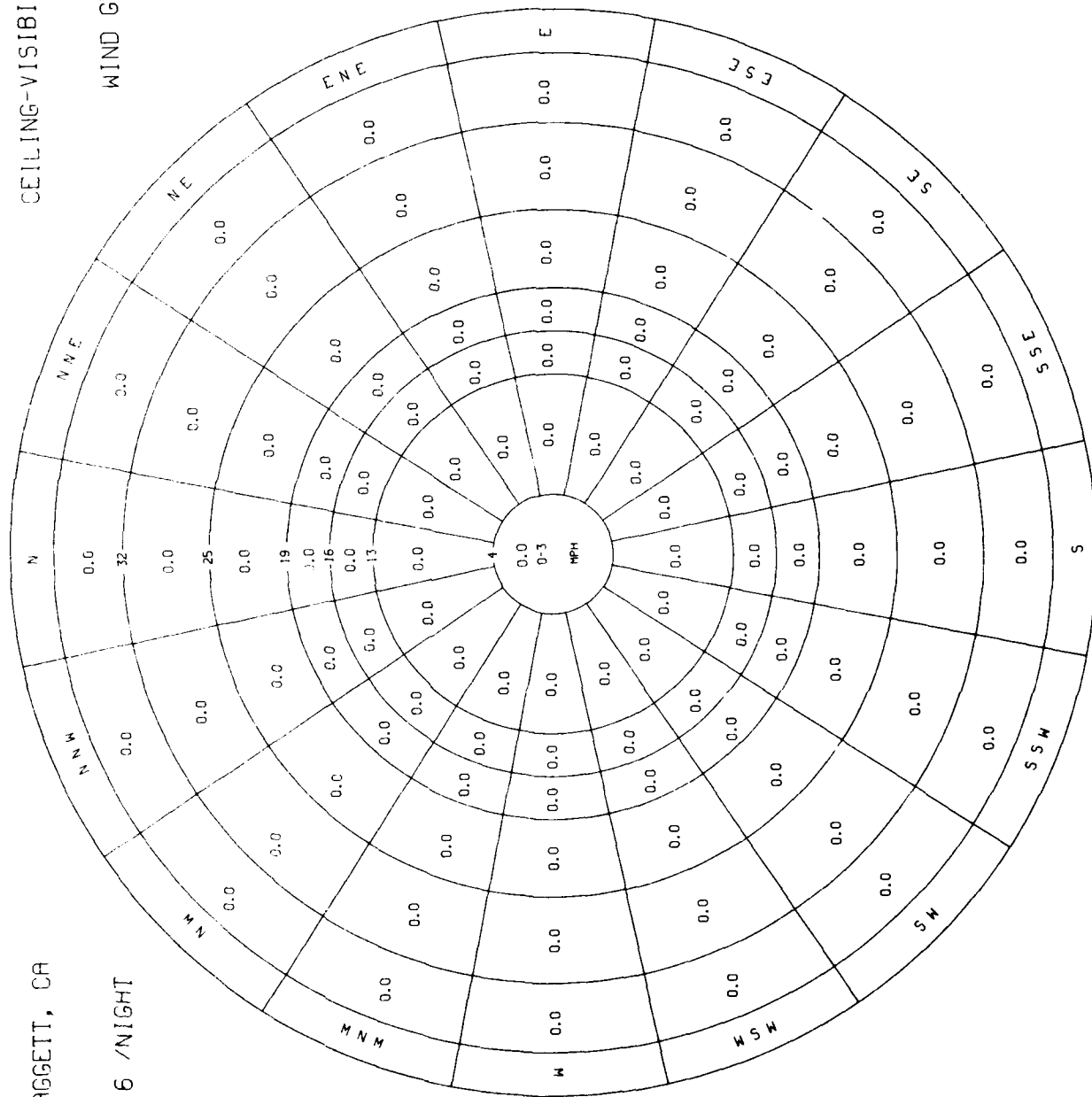
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
																C	D	
A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	9.1	.0	27.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	9.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	27.3			.0	9.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
TOTAL	.0	36.4	.0	27.3	.0	9.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.0

CEILING-VISIBILITY

WIND GRAPH

DAG DAGGETT, CA

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: DAG DAGGETT, CA

CLASS 6 / NIGHT

NO. OBS.: 3

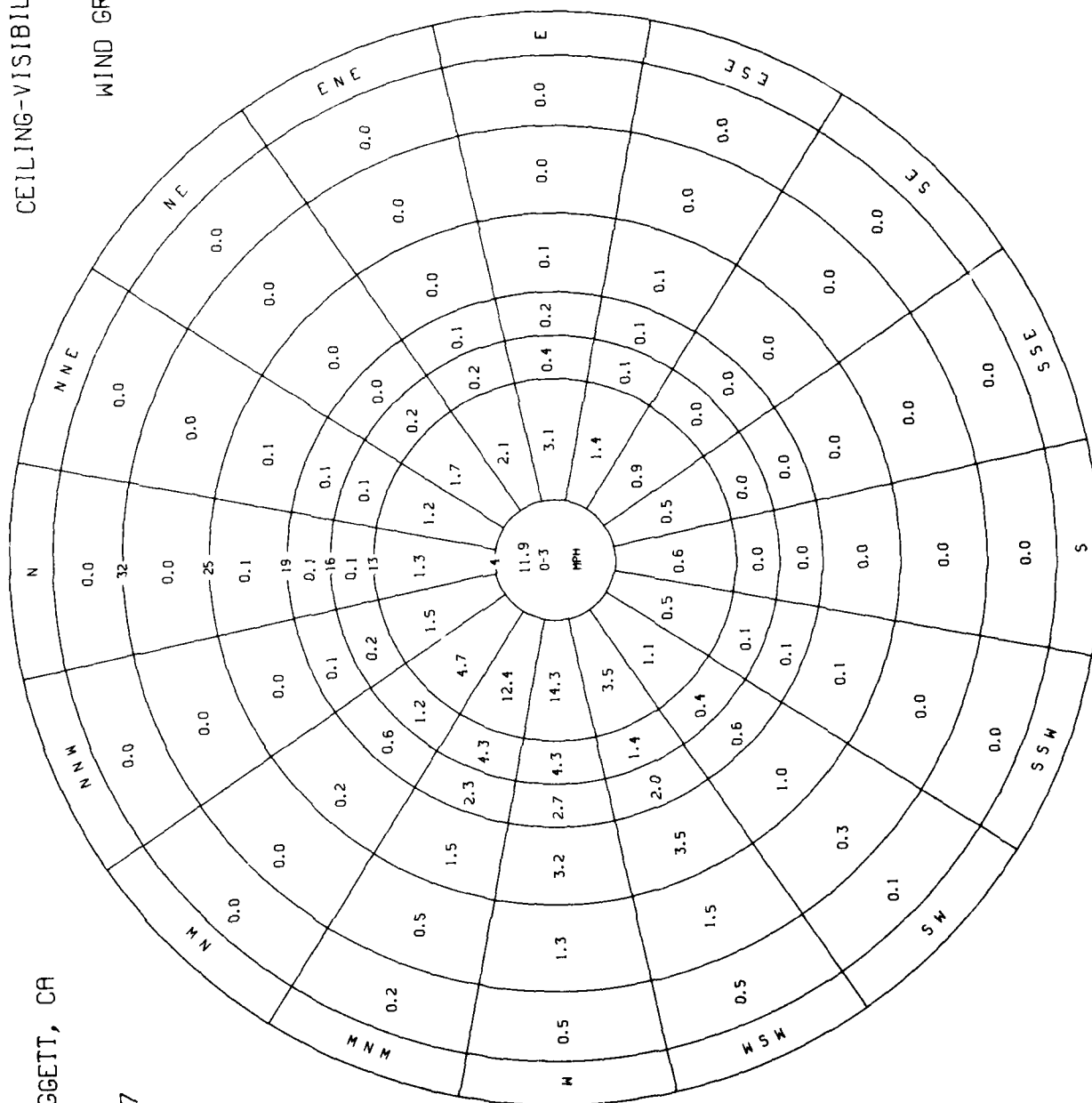
STATION NUMBER: 23161

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.0	66.7															
TOTAL	.0	66.7	.0	33.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	66.7	2.0

DAG DAGGETT, CA

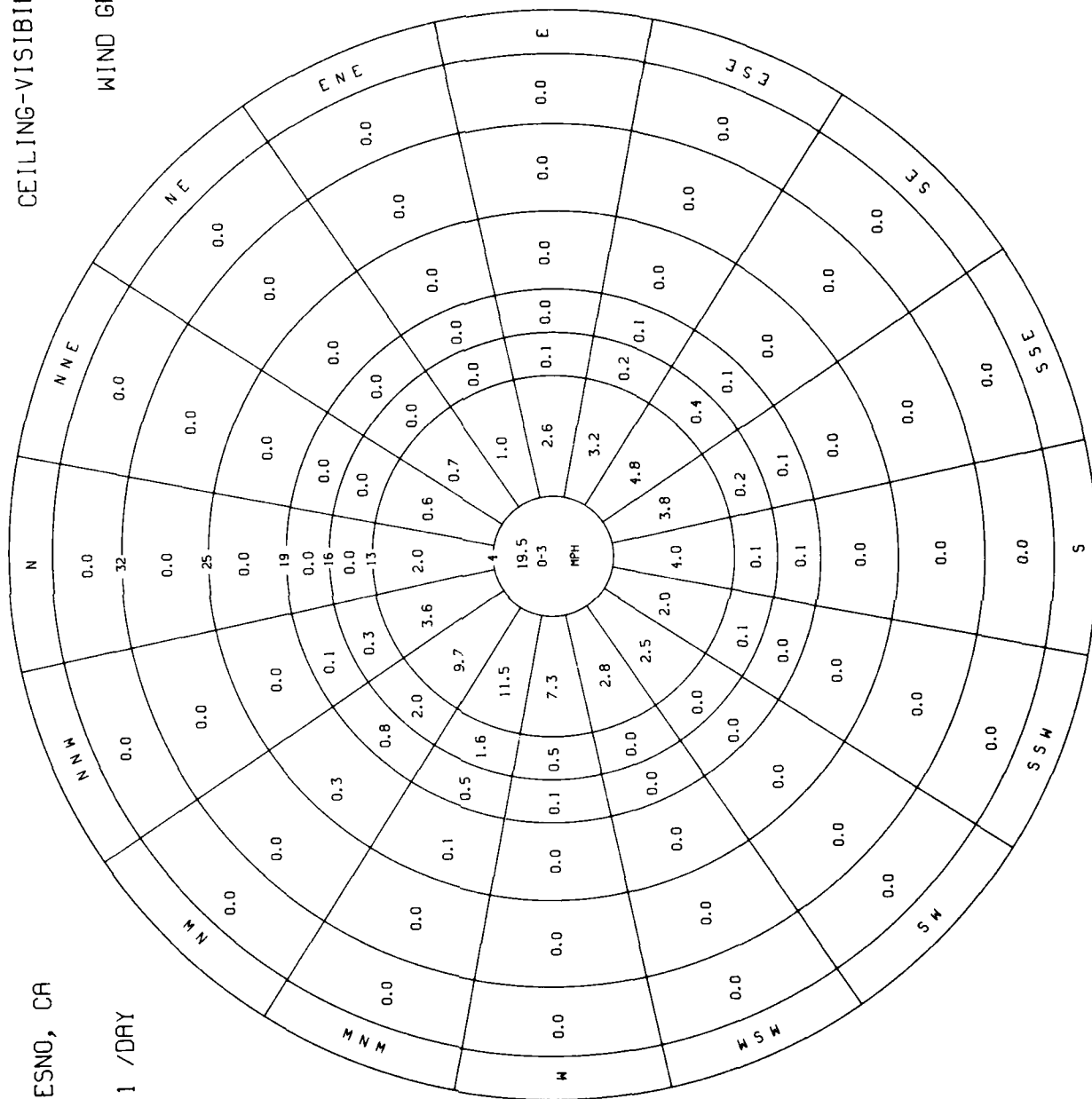
WIND GRAPH

CLASS 7



CEILING-VISIBILITY
WIND GRAPH

FAT FRESNO, CA
CLASS 1 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FAT FRESNO, CA

PERIOD: 1950-1978

CLASS 1 / DAY

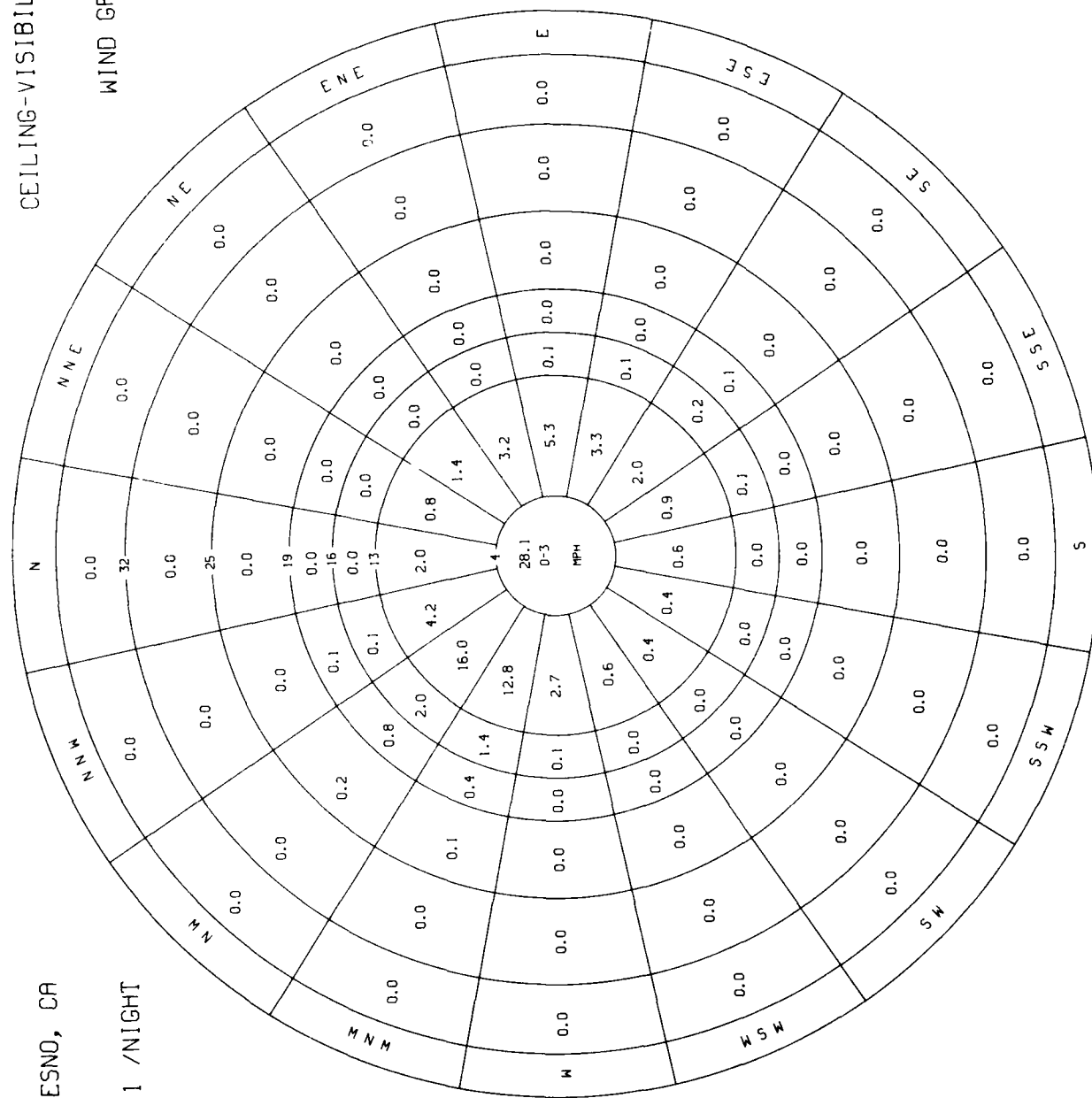
STATION NUMBER: 93193

NO. OBS.: 41172

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	1.0	1.1	2.0	2.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.0 3.3
NNE	.5	.5	.6	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1 1.2
NE	.8	.9	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5 1.7
ENE	.7	.7	1.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7 1.9
E	1.2	1.3	2.6	2.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.9 4.4
ESE	.8	.9	3.2	3.6	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.3 4.8
SE	1.2	1.4	4.8	5.3	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	6.6 7.3
SSE	.9	1.0	3.8	4.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	5.0 5.6
S	1.2	1.4	4.0	4.5	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	5.5 6.1
SSW	.9	1.0	2.0	2.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.0 3.4
SW	1.2	1.4	2.5	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8 4.2
WSW	.8	.9	2.8	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7 4.1
W	1.2	1.3	7.3	8.1	.5	.5	.1	.1	.0	.0	.0	.0	.0	.0	9.0 10.0
WNW	1.1	1.2	11.5	12.8	1.6	1.8	.5	.5	.1	.1	.0	.0	.0	.0	14.8 16.5
NW	1.5	1.6	9.7	10.8	2.0	2.2	.8	.9	.3	.3	.0	.0	.0	.0	14.3 15.9
NNW	1.0	1.1	3.6	4.0	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	5.0 5.5
CALM	3.6	4.0													3.6 4.0
TOTAL	19.5	21.7	62.1	69.3	5.6	6.2	1.9	2.1	.5	.6	.1	.1	.0	.0	89.7 100

WIND GRAPH

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FAT FRESNO, CA

PERIOD: 1950-1978

CLASS 1 / NIGHT

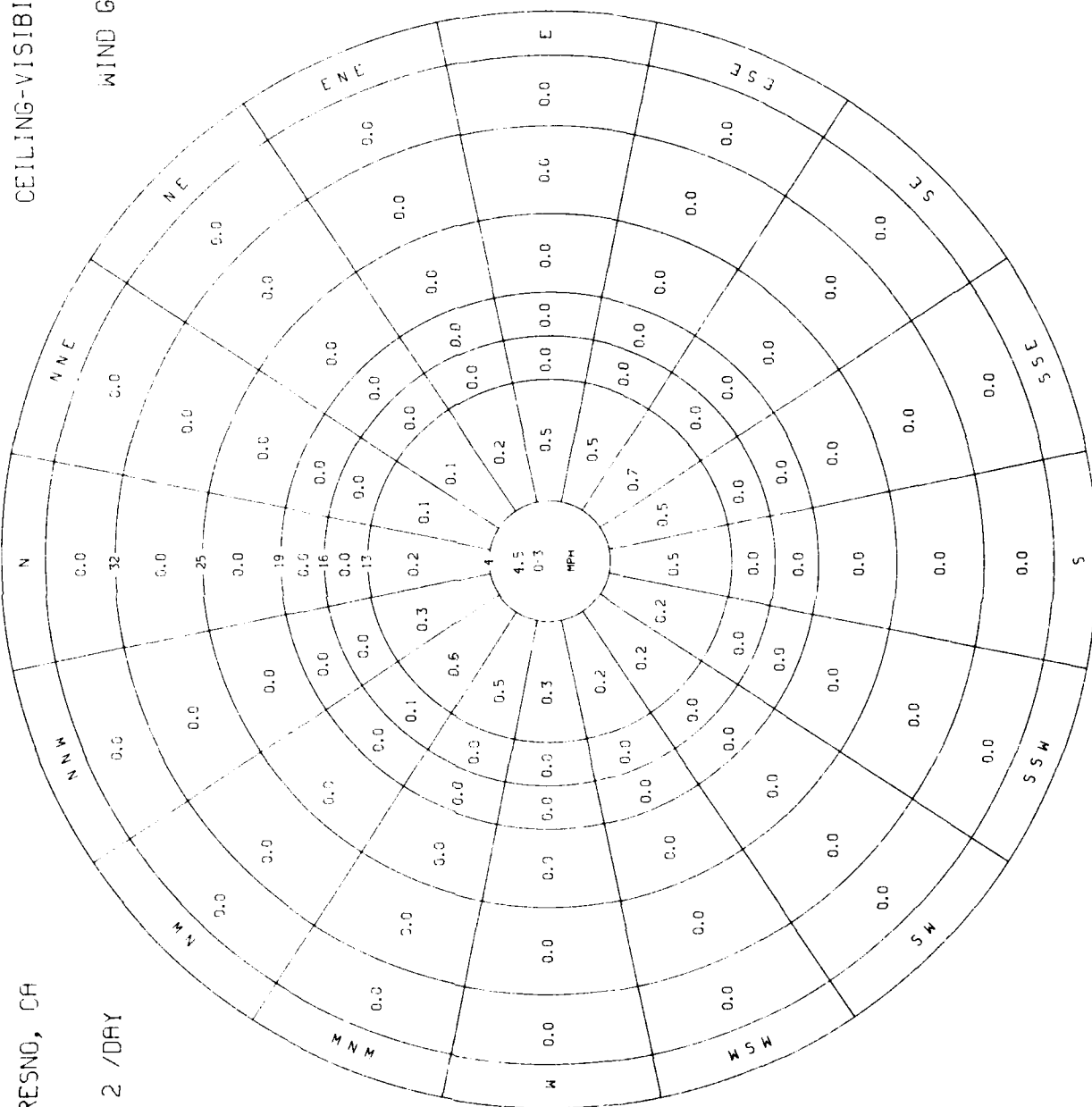
STATION NUMBER: 93193

NO. OBS.: 35213

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	1.6	1.8	2.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7 4.1
NNE	.8	.9	.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6 1.8
NE	1.8	2.0	1.4	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2 3.5
ENE	1.7	1.9	3.2	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1
E	2.9	3.2	5.3	5.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.0
ESE	1.3	1.4	3.3	3.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.0
SE	1.0	1.1	2.0	2.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	5.9
SSE	.4	.5	.9	1.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.7
S	.5	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2
SSW	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1
SW	.6	.7	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9
WSW	.5	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5
W	1.0	1.1	2.7	3.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.5
WNW	1.4	1.6	12.8	14.1	1.4	1.5	.4	.4	.1	.1	.0	.0	.0	.0	5.9
NW	2.6	2.9	16.0	17.6	2.0	2.2	.8	.9	.2	.2	.0	.0	.0	.0	8.1
NNW	1.8	2.0	4.2	4.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	8.2
CALM	7.8	8.6													5.8
TOTAL	28.1	30.9	56.7	62.5	4.2	4.6	1.5	1.7	.3	.3	.0	.0	.0	.0	6.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: FAY FREING, CA

CLASS 2 YEAR

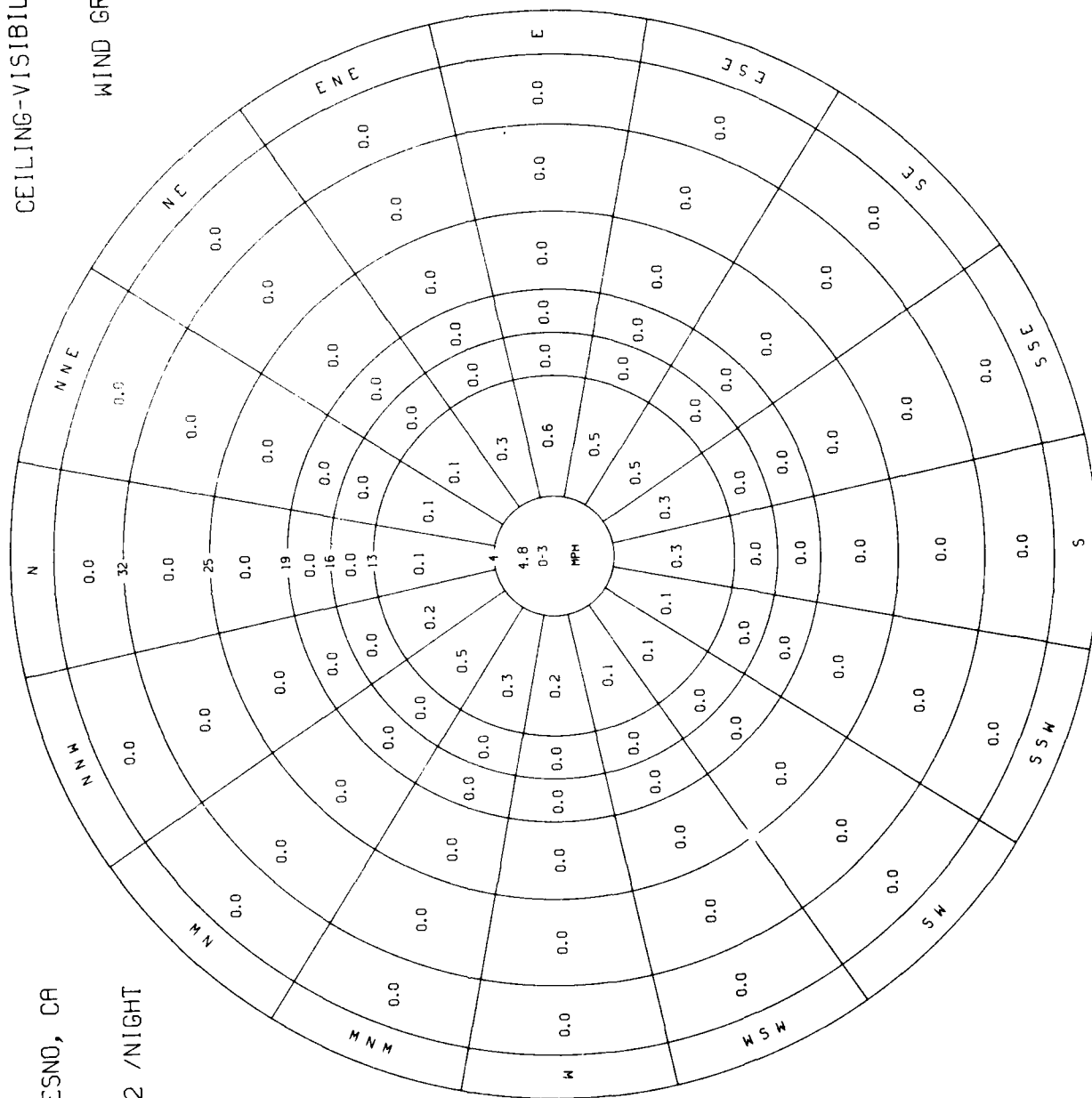
NO. OBS.: 4753

STATION NUMBER: 93193

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
															C	D			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.2	1.7	.2	2.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.7	4.6		
NNE	.1	1.0	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.8	3.9		
NE	.2	1.6	.1	1.1	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.7	3.8		
ENE	.1	1.3	.2	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.7	4.9		
E	.3	3.0	.5	4.9	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.9	4.8		
ESE	.3	2.4	.5	4.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.5	5.4		
SE	.2	2.4	.7	6.4	.0	.3	.0	.1	.6	.6	.0	.0	.0	.0	1.0	9.2	6.0		
SSE	.2	1.9	.5	5.3	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.8	7.3	5.5		
S	.3	3.3	.5	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	8.0	4.9		
SSW	.2	1.7	.2	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.6	4.3		
SW	.2	2.0	.2	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.2	4.4		
WSW	.2	1.8	.2	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.4	4.2		
W	.2	1.9	.3	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.2	4.9		
WNW	.2	1.7	.5	4.6	.0	.1	.0	.1	.6	.0	.0	.0	.0	.0	.7	6.6	6.0		
NW	.2	2.3	.6	5.6	.1	.5	.0	.3	.0	.1	.0	.0	.0	.0	.9	8.8	6.9		
NNW	.1	1.3	.3	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.9	5.3		
CALM	1.3	12.5							.6	.2	.0	.1	.0	.0	10.3	100	4.6		
TOTAL	4.5	43.3	5.6	54.1	1.1	1.3	.1	.6	.9	.2	.0	.1	.0	.0	10.3	100	4.6		

WIND GRAPH

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: FAT FRESNO, CA

CLASS 2 / NIGHT

NO. OBS.: 3576

STATION NUMBER: 93193

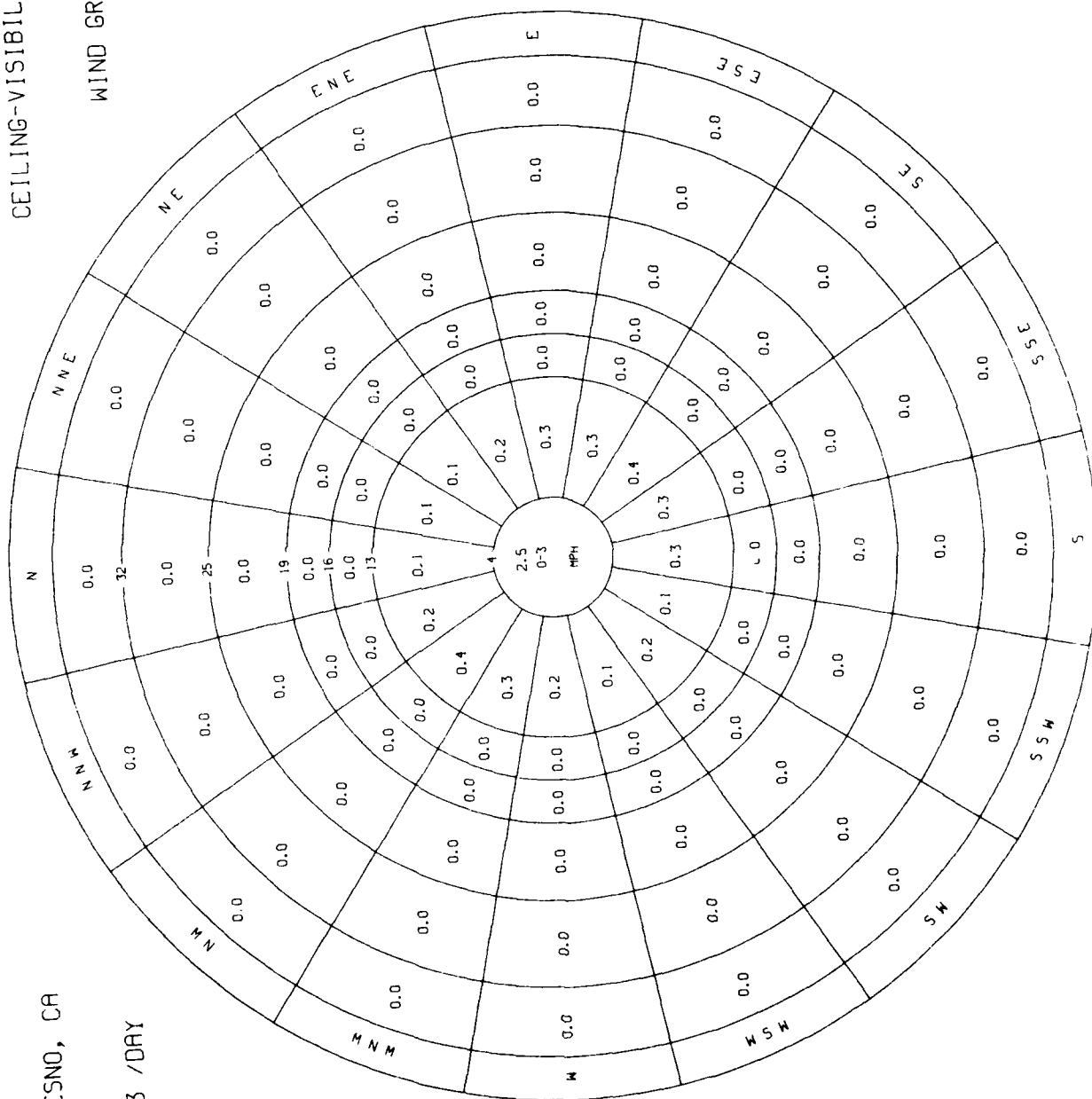
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.2	2.0	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 3.6
NNE	.1	1.2	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.0
NE	.3	2.9	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 4.6
ENE	.3	3.3	.3	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6 6.8
E	.4	4.3	.6	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0 10.7
ESE	.3	2.7	.5	5.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7 7.8
SE	.3	2.8	.5	4.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7 7.8
SSE	.1	1.6	.3	3.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5 5.3
S	.2	2.3	.3	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5 5.4
SSW	.1	1.2	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.9
SW	.2	1.8	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.9
WSW	.1	1.1	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.0
W	.1	1.5	.2	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 3.6
WNW	.2	1.8	.3	3.5	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.5 5.6
NW	.2	2.2	.5	5.3	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.7 7.9
NNW	.1	1.5	.2	2.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4 3.9
CALM	1.6	17.4													1.6 17.4
TOTAL	4.8	51.8	4.3	47.1	.1	.9	.0	.1	.0	.1	.0	.0	.0	.0	9.2 100
															4.0

CEILING-VISIBILITY

WIND GRAPH

FAT FRESNO, CA

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: FAT FRESNO, CA

CLASS 3 / DAY

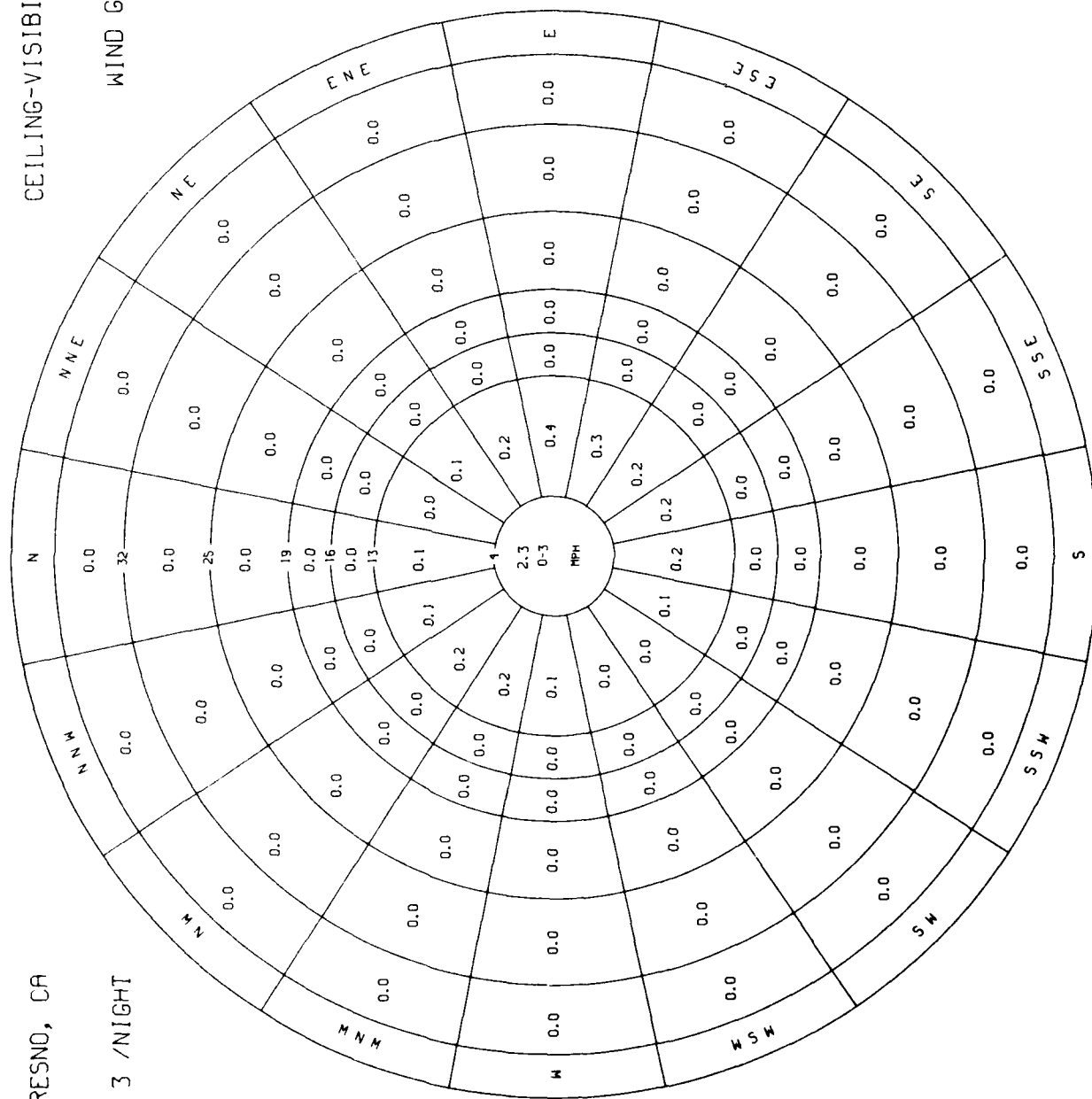
NO. OBS.: 2898

STATION NUMBER: 93193

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	1.6	.1	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 3.6
NNE	.1	1.0	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.9
NE	.1	1.3	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.3
ENE	.1	1.1	.2	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 3.7
E	.2	2.6	.3	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5 7.4
ESE	.1	2.3	.3	4.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5 7.5
SE	.1	2.0	.4	6.7	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.6 9.3
SSE	.1	1.7	.3	5.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.4 7.0
S	.2	3.2	.3	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5 8.0
SSW	.1	1.6	.1	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 3.8
SW	.1	1.8	.2	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 4.3
WSW	.1	1.8	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 3.4
W	.1	1.9	.2	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 5.3
WNW	.1	1.9	.3	5.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.5 7.6
NW	.1	2.3	.4	6.5	.0	.6	.0	.4	.0	.2	.0	.0	.0	.0	.6 10.1
NNW	.1	1.4	.2	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 4.3
CALM	.7	10.6			.1	1.7	.1	.8	.0	.3	.0	.1	.0	.0	.7 10.6
TOTAL	2.5	40.2	3.6	56.8	.1	1.7	.1	.8	.0	.3	.0	.1	.0	.0	6.3 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: FAT FRESNO, CA

CLASS 3 / NIGHT

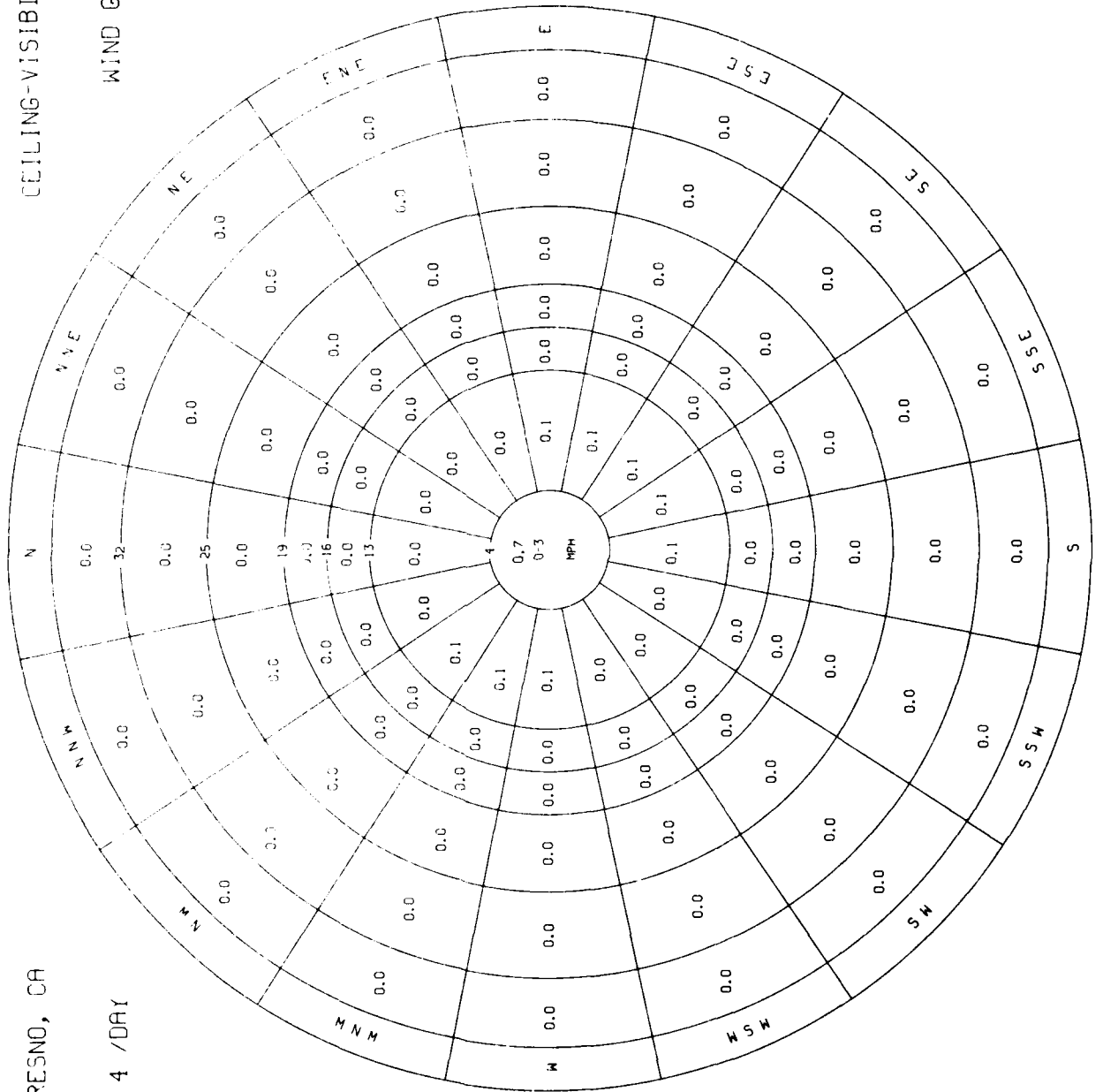
NO. OBS.: 1864

STATION NUMBER: 93193

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	1.7	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.1	4.0
NNE	.0	1.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.6	3.9
NE	.1	2.2	.1	1.7	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.2	4.0	4.3
ENE	.2	3.2	.2	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	7.7	4.6
E	.2	4.3	.4	7.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	12.1	4.7
ESE	.1	2.3	.3	5.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	8.0	5.5
SE	.1	2.7	.2	4.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	7.7	5.4
SSE	.1	1.5	.2	4.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.9	5.7
S	.1	1.9	.2	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.4	4.6
SSW	.1	1.6	.1	1.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.3	4.7
SW	.1	1.8	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.8	3.6
WSW	.1	1.2	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	4.2
W	.1	1.3	.1	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.5	4.7
WNW	.1	1.7	.2	3.4	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.3	5.6	6.1
NW	.1	1.9	.2	4.5	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.3	7.0	6.9
NNW	.1	1.9	.1	2.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.2	4.1	5.1
CALM	.8	16.1													.8	16.1	
TOTAL	2.3	48.4	2.4	49.7	.1	1.5	.0	.3	.0	.1	.0	.0	.0	.0	4.8	100	4.3

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FAT FRESNO, CA

PERIOD: 1950-1978

CLASS 4 / DAY

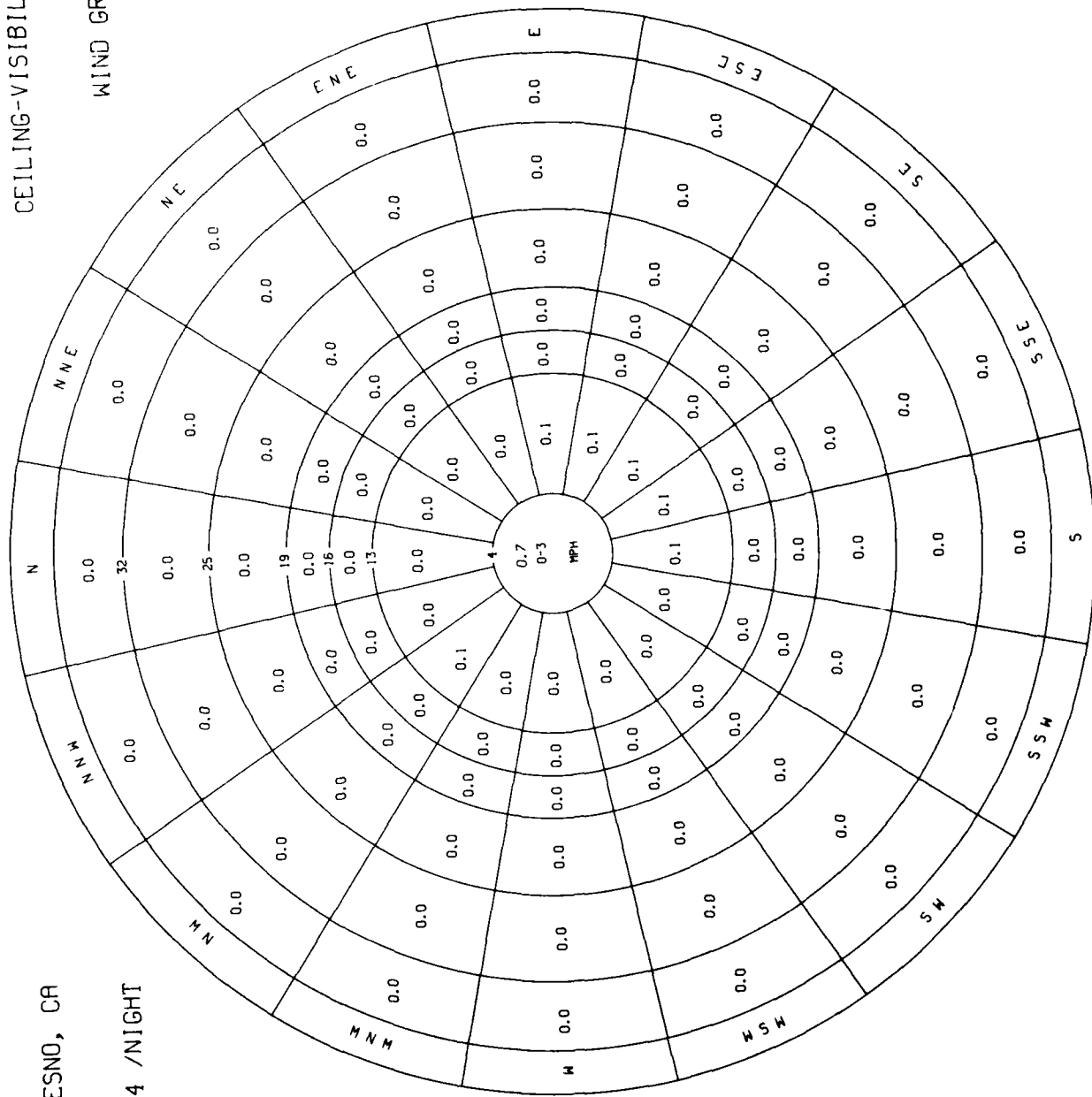
NO. OBS.: 740

STATION NUMBER: 93193

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.8	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.2
NNE	.0	.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
NE	.0	2.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.5
ENE	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.2
E	.1	3.8	.1	3.9	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1 7.8
ESE	.0	2.7	.1	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.9
SE	.1	3.4	.1	6.5	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.2 10.3
SSE	.0	1.9	.1	6.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 8.8
S	.0	2.4	.1	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 8.5
SSW	.0	1.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.6
SW	.0	2.8	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.2
WSW	.0	2.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.5
W	.0	1.8	.1	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.0
WNW	.0	1.8	.1	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.8
NW	.0	1.5	.1	5.0	.0	.4	.0	.0	.0	.1	.0	.0	.0	.0	.1 7.0
NNW	.0	.8	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
CALM	.2	12.4													.2 12.4
TOTAL	.7	45.1	.9	53.8	.0	.8	.0	.1	.0	.1	.0	.0	.0	.0	1.6 100 4.4

CEILING-VISIBILITY

WIND GRAPH



FAT FRESNO, CA

CLASS 4 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: FAT FRESNO, CA

CLASS 4 / NIGHT

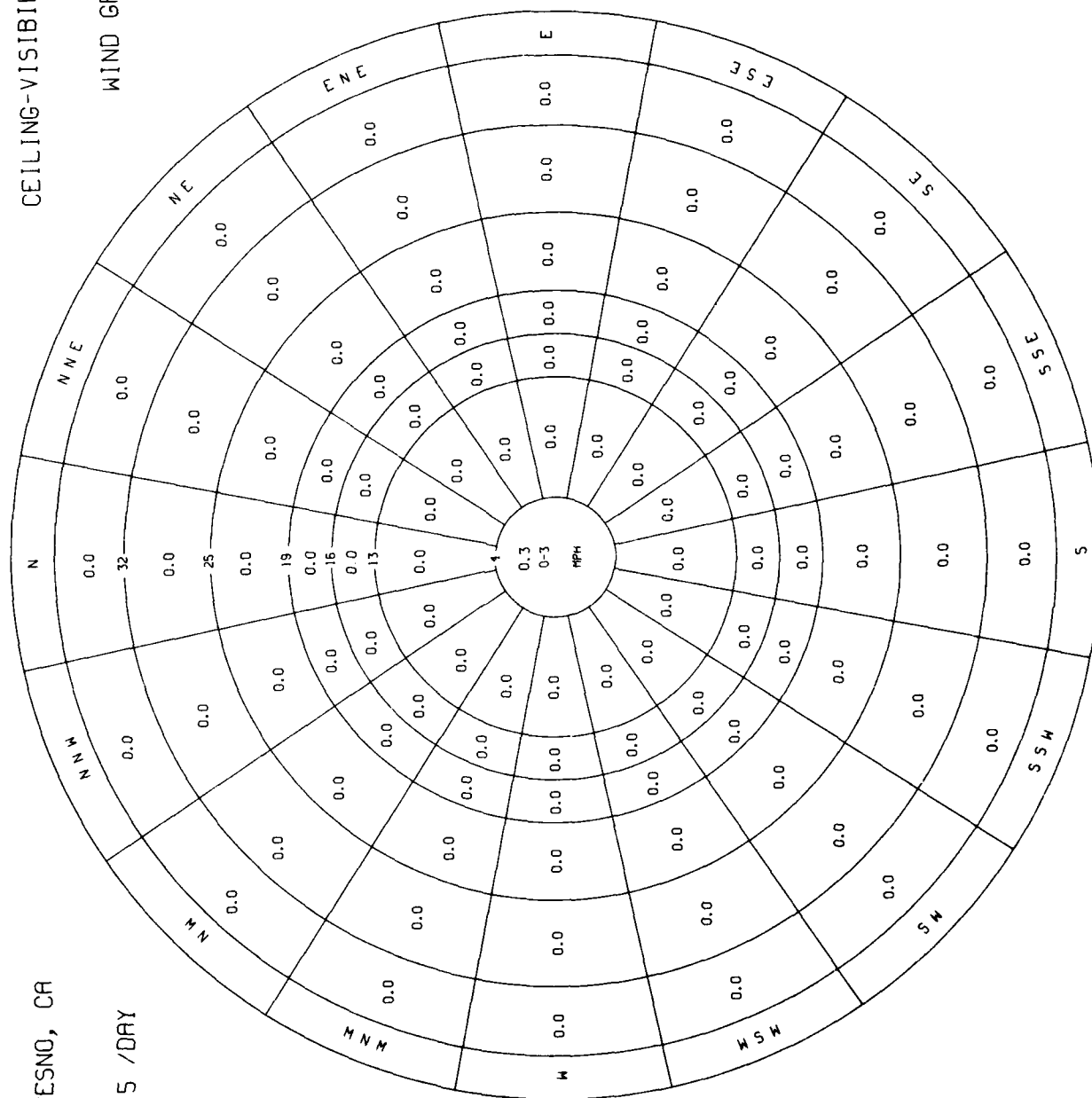
NO. OBS.: 509

STATION NUMBER: 93193

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.6	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.5
NNE	.0	.8	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
NE	.0	3.7	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.3
ENE	.1	4.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.5
E	.0	3.3	.1	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 8.4
ESE	.0	3.5	.1	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.7
SE	.0	1.6	.1	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.5
SSE	.0	1.8	.1	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.9
S	.0	3.5	.1	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.9
SSW	.0	1.2	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.6
SW	.0	1.4	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.4
WSW	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
W	.0	2.2	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.7
WNW	.0	2.0	.0	3.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.7
NW	.0	2.4	.1	6.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 9.0
NNW	.0	1.4	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.5
CALM	.2	14.9													.2 14.9
TOTAL	.7	51.3	.6	48.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	1.3 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: FAT FRESNO, CA

CLASS 5 / DAY

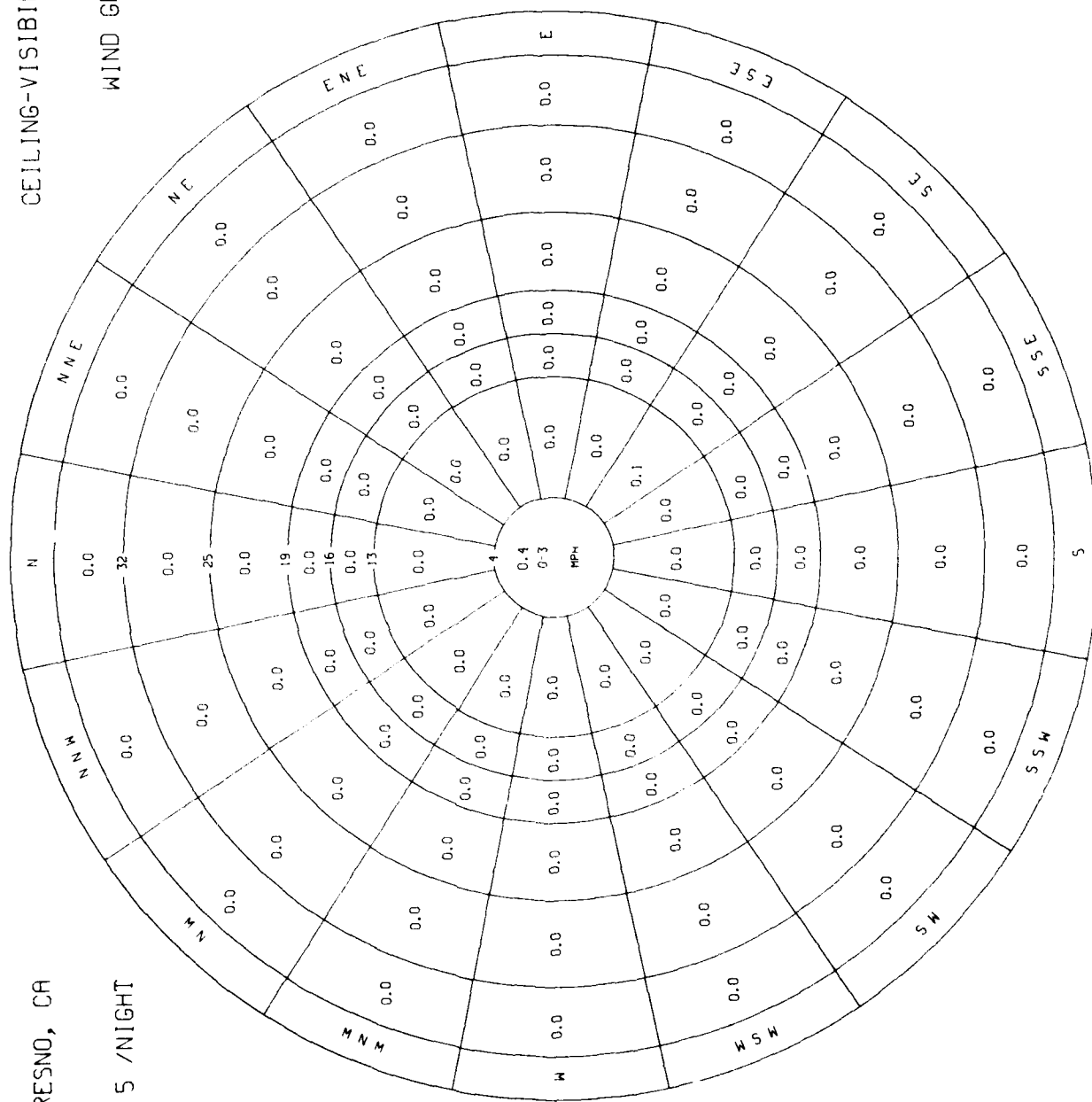
NO. OBS.: 278

STATION NUMBER: 93193

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	2.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.6
NNE	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.0
NE	.0	1.8	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.0
ENE	.0	2.2	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	3.8
E	.0	2.9	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	4.9
ESE	.0	2.2	.0	5.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	5.5
SE	.0	2.9	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	4.7
SSE	.0	2.9	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	5.0
S	.0	5.8	.0	4.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.4	4.5
SSW	.0	2.5	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	4.3
SW	.0	1.8	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	4.0
WSW	.0	2.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.4
W	.0	1.8	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	4.6
WNW	.0	1.4	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	5.2
NW	.0	4.0	.0	4.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	5.7
NNW	.0	1.8	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	4.8
CALM	.1	14.4													.1	14.4	
TOTAL	.3	52.5	.3	46.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	100	4.1

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: FAY FRESNO, CA

PERIOD: 1950-1978

CLASS 5 / NIGHT

STATION NUMBER: 93193

NO. OBS.: 273

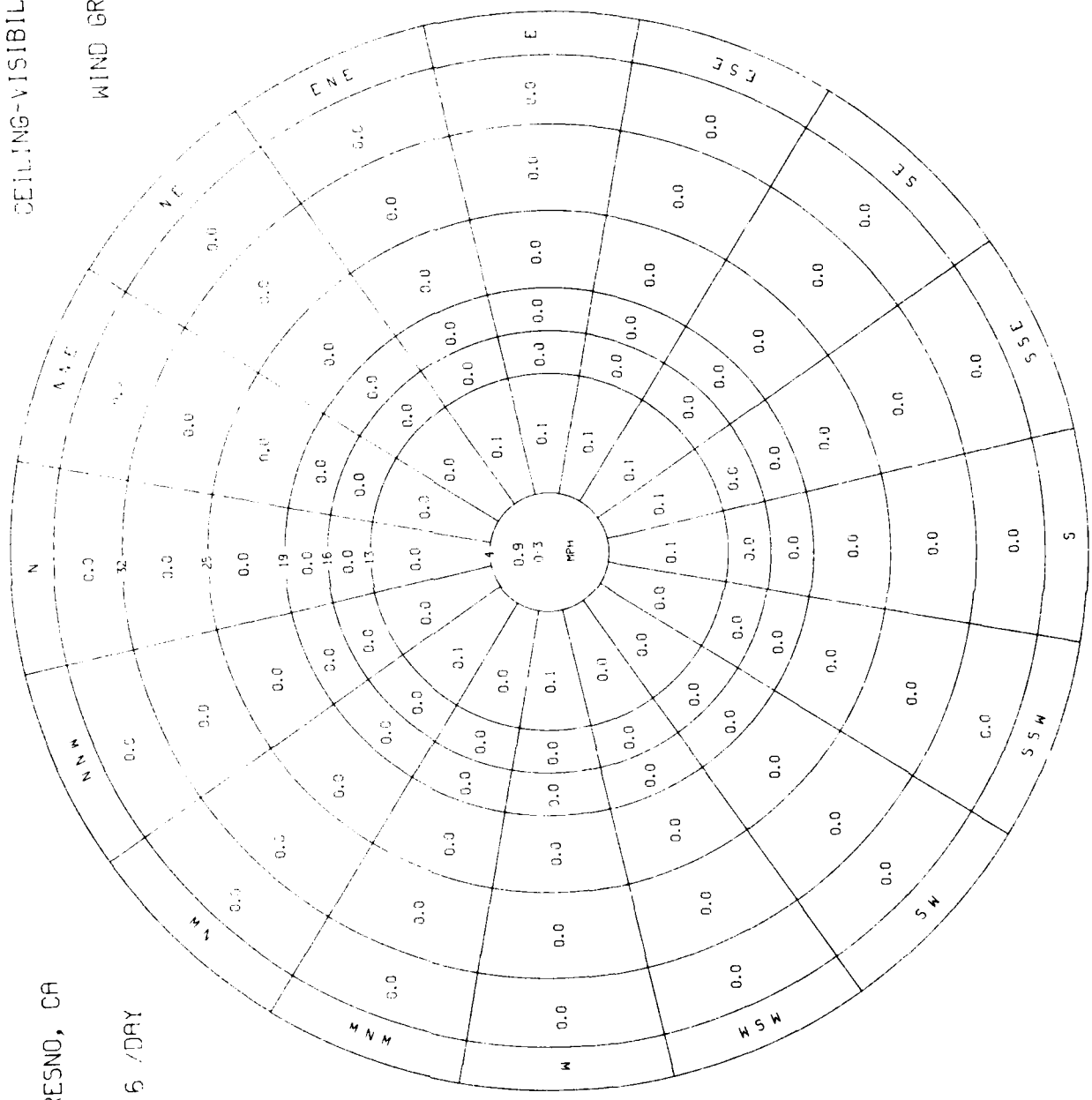
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D
N	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
NNE	.0	1.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8
NE	.0	5.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9
ENE	.0	3.3	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5
E	.0	4.0	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.9
ESE	.0	3.3	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5
SE	.0	4.8	.1	7.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.1
SSE	.0	1.8	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	2.6	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3
SSW	.0	1.5	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4
SW	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
WSW	.0	.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
W	.0	2.2	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
WNW	.0	1.1	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2
NW	.0	2.2	.0	6.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.2
NNW	.0	.7	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6
CALM	.1	16.5													.1	16.5
TOTAL	.4	52.7	.3	46.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.7	100
																3.8

CEILING-VISIBILITY

WIND GRAPH

FAT FRESNO, CA

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

WILLAC

PERIOD: 1950-1978

STATION NAME: FAY FIELD, CA

1-5556754

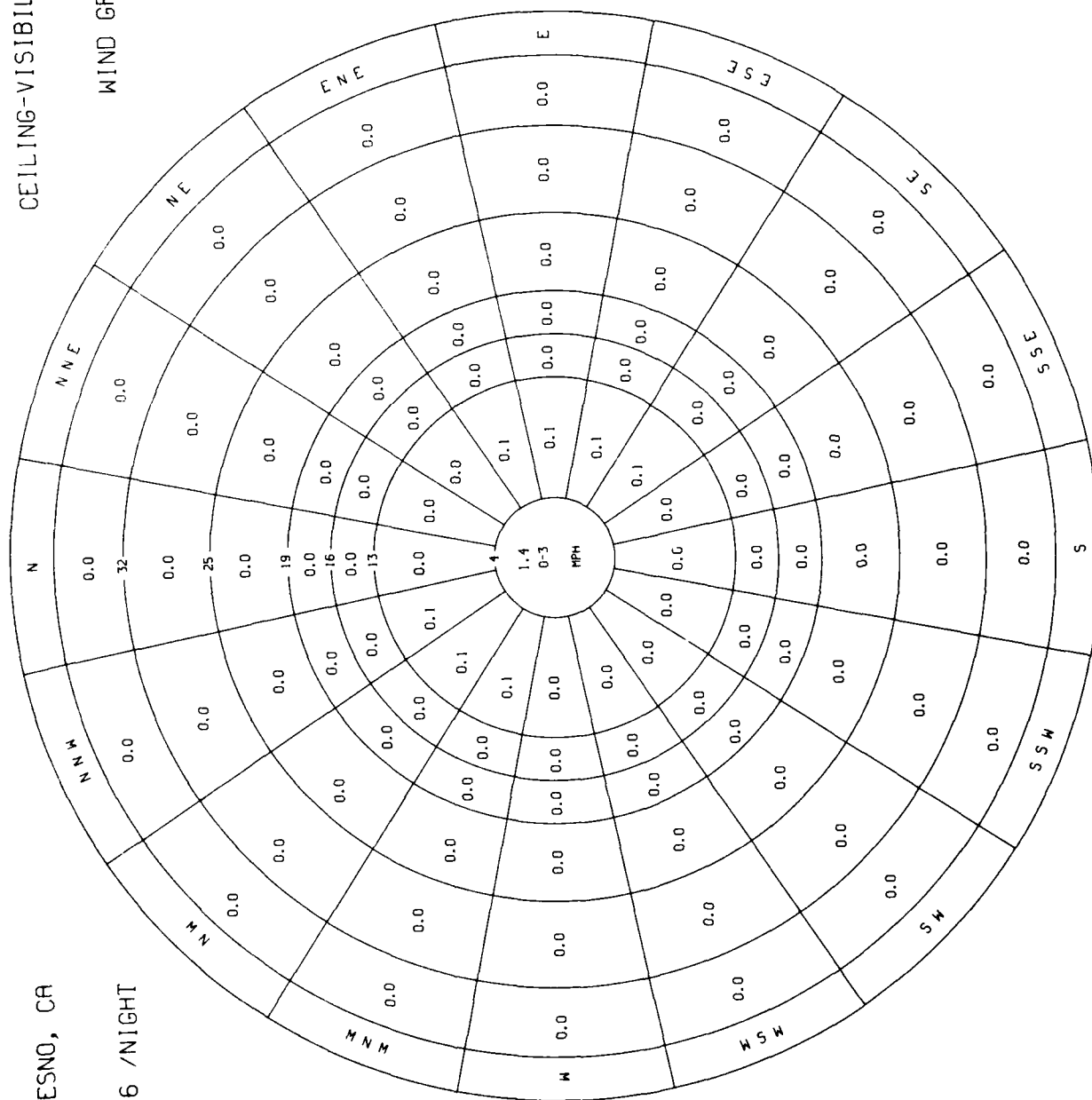
NO. OBS.: 837

STATION NUMBER: 23149

C I P	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-7				8-12				13-18				19-24				TOTAL
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	
N	0	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.4
NNE	0	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.6
N	0	2.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.7
ENE	0	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.8
ESE	0	2.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.7
E	0	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.9
SE	0	3.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.9
SSE	0	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.9
S	0	3.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.9
SSW	0	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.0
WSW	0	2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.0
W	0	1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.6
WNW	0	2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.3
W	0	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.9
WNW	0	2.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.9
W	0	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.8
TOTAL	0	18.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.8

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: FAT FRESNO, CA

CLASS 6 / NIGHT

NO. OBS.: 930

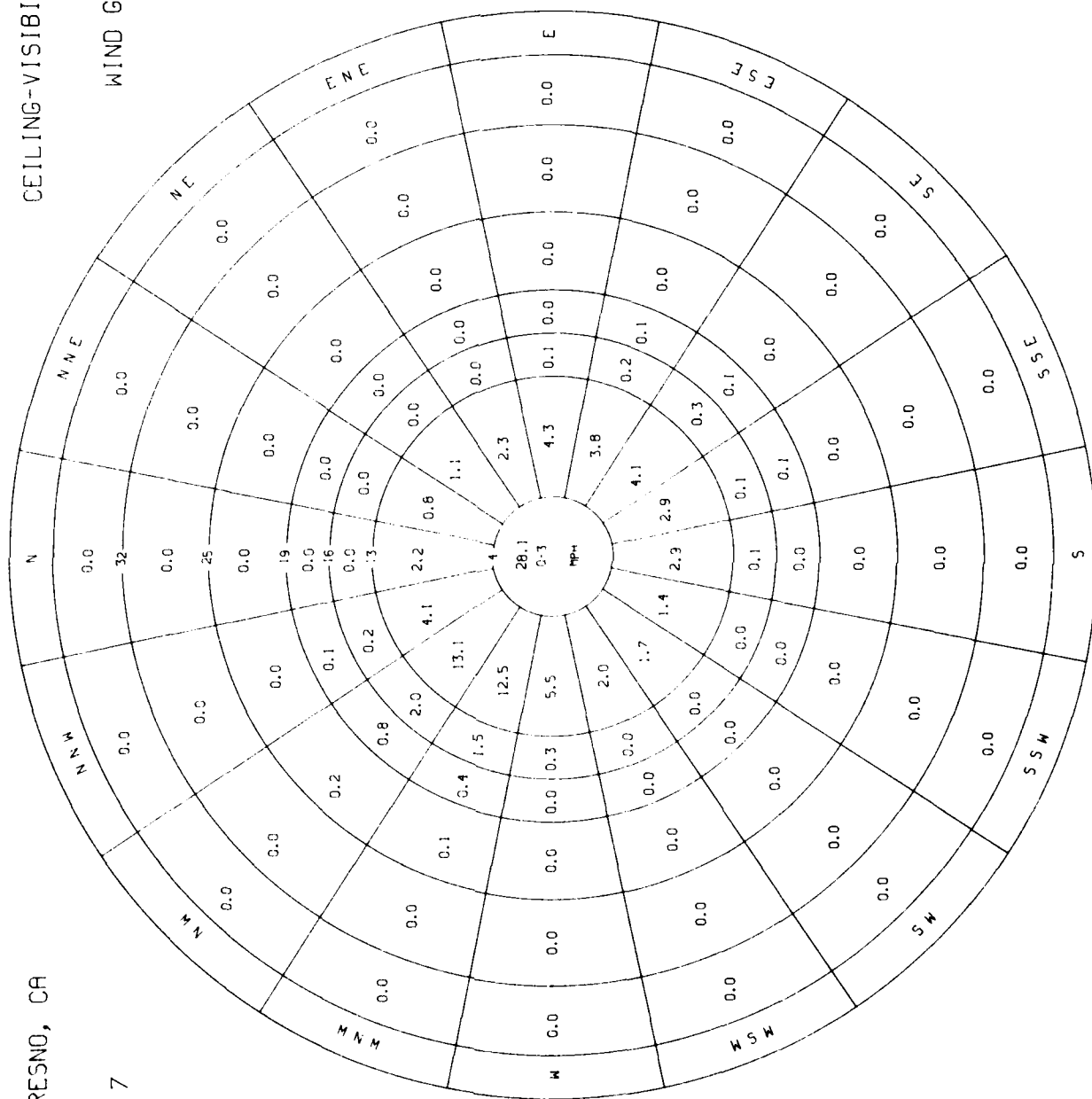
STATION NUMBER: 93193

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			
N	.1	3.1	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.1	3.8
NNE	.0	1.9	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.0	3.6
NE	.1	3.1	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.9	3.7
ENE	.1	3.0	.1	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.0	4.1
E	.1	4.8	.1	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	9.4	4.2
ESE	.1	3.1	.1	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.0	4.7
SE	.1	2.9	.1	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.9	4.5
SSE	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.2	4.3
S	.1	2.2	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.0	4.2
SSW	.0	.5	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.5
SW	.1	2.3	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.4	3.7
WSW	.0	1.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	3.3
W	.0	1.4	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.1	4.5
WNW	.0	2.0	.1	3.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.3	5.1
NW	.1	2.8	.1	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.7	5.5
NNW	.0	1.0	.1	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.2	5.2
CALM	.5	21.7													.5	21.7	
TOTAL	1.4	58.6	1.0	41.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.4	100	3.5

CEILING-VISIBILITY
WIND GRAPH

FAT FRESNO, CA

CLASS 7

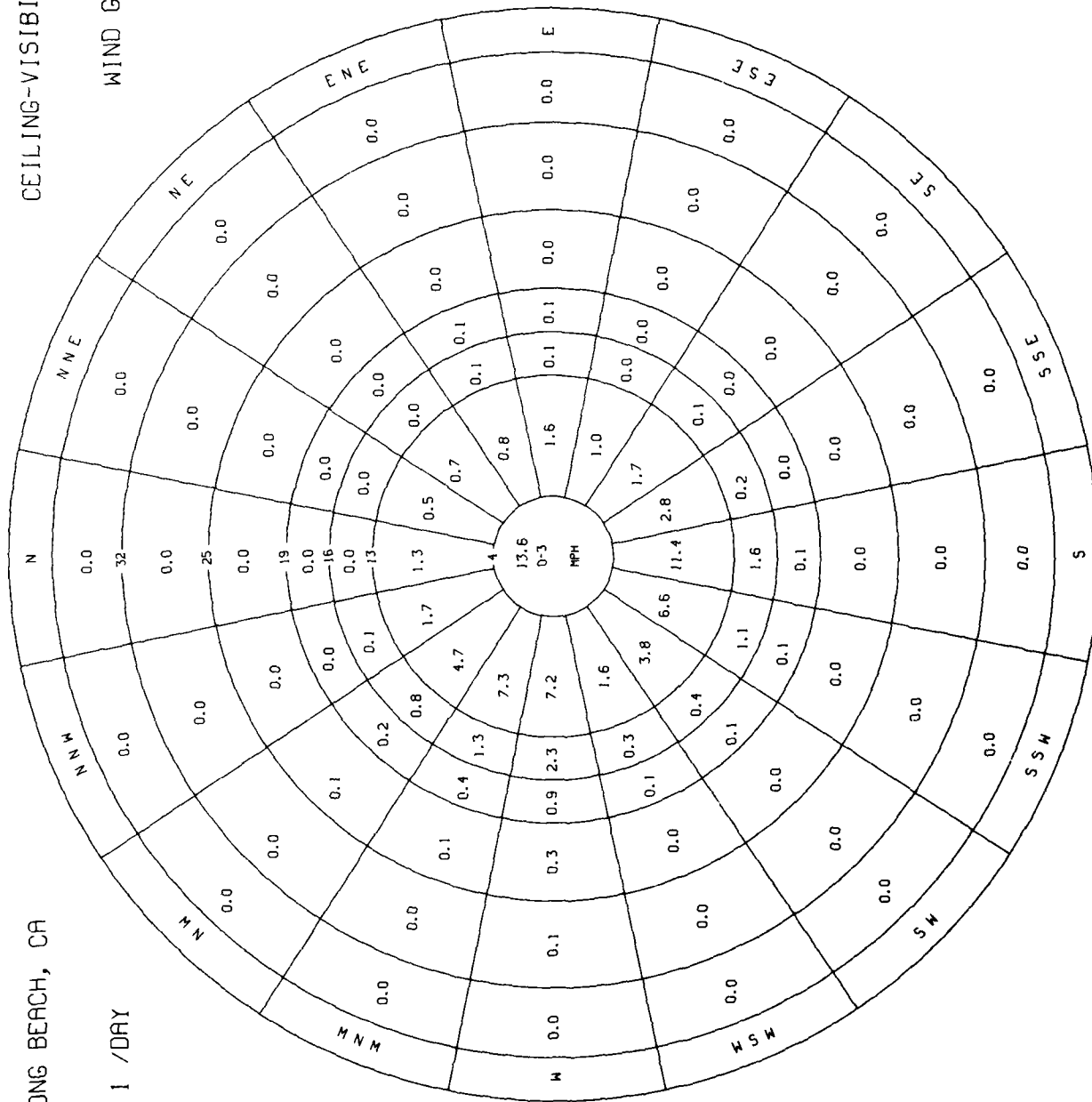


CEILING-VISIBILITY

WIND GRAPH

LGB LONG BEACH, CA

CLASS 1 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LGB LONG BEACH, CA

CLASS 1 / DAY

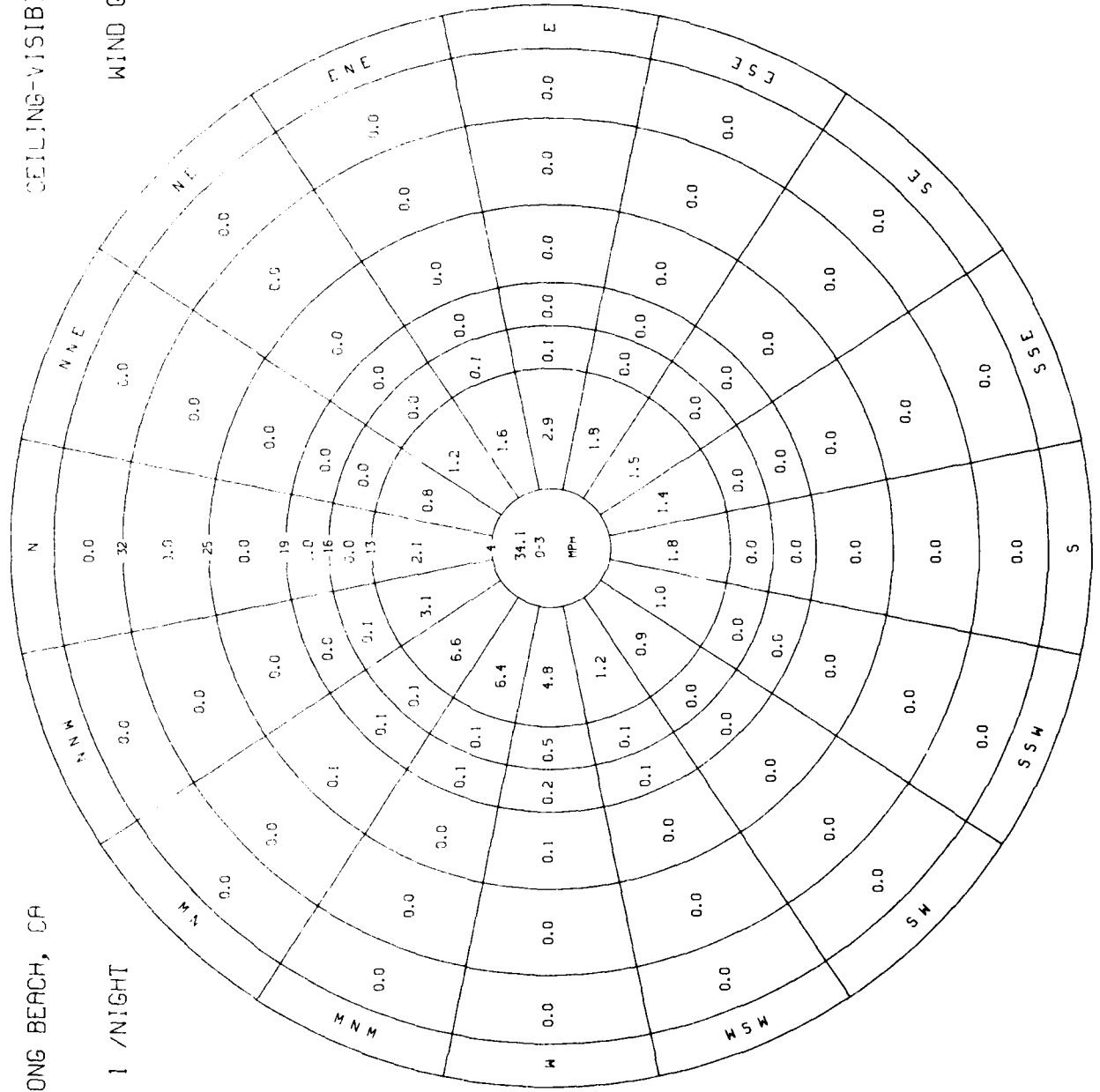
NO. OBS.: 37956

STATION NUMBER: 23129

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.5	.6	1.3	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	2.3	5.9
NNE	.3	.3	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	1.0	5.6
NE	.4	.5	.7	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.5	6.2
ENE	.3	.4	.8	1.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.3	1.7	7.1
E	.7	.8	1.5	2.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.5	3.1	6.7
ESE	.3	.4	1.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.6	6.1
SE	.5	.7	1.7	2.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.4	2.9	6.4
SSE	.2	.3	2.8	3.5	.2	.3	.0	.1	.0	.0	.0	.0	.0	.0	3.3	4.1	8.1
S	.6	.8	11.4	14.3	1.6	1.9	.1	.2	.0	.0	.0	.0	.0	.0	13.7	17.2	8.9
SSW	.3	.3	6.6	8.2	1.1	1.4	.1	.2	.0	.0	.0	.0	.0	.0	8.1	10.2	9.5
SW	.3	.4	3.8	4.8	.4	.6	.1	.1	.0	.0	.0	.0	.0	.0	4.7	5.9	8.5
WSW	.2	.2	1.6	2.0	.3	.4	.1	.2	.0	.1	.0	.0	.0	.0	2.3	2.9	9.4
W	.4	.5	7.2	9.0	2.3	2.9	.9	1.1	.3	.4	.1	.1	.0	.0	11.2	14.0	10.8
WNW	.3	.4	7.3	9.1	1.3	1.6	.4	.5	.1	.1	.0	.0	.0	.0	9.4	11.7	9.6
NW	.5	.7	4.7	5.9	.8	.9	.2	.3	.1	.1	.0	.0	.0	.0	6.3	7.9	9.0
NNW	.3	.4	1.7	2.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	2.1	2.6	7.2
CALM	7.5	9.4													7.5	9.4	
TOTAL	13.6	17.0	54.7	68.4	8.5	10.6	2.2	2.8	.7	.9	.2	.2	.0	.0	79.9	100	8.1

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LGB LONG BEACH, CA

CLASS 1 / NIGHT

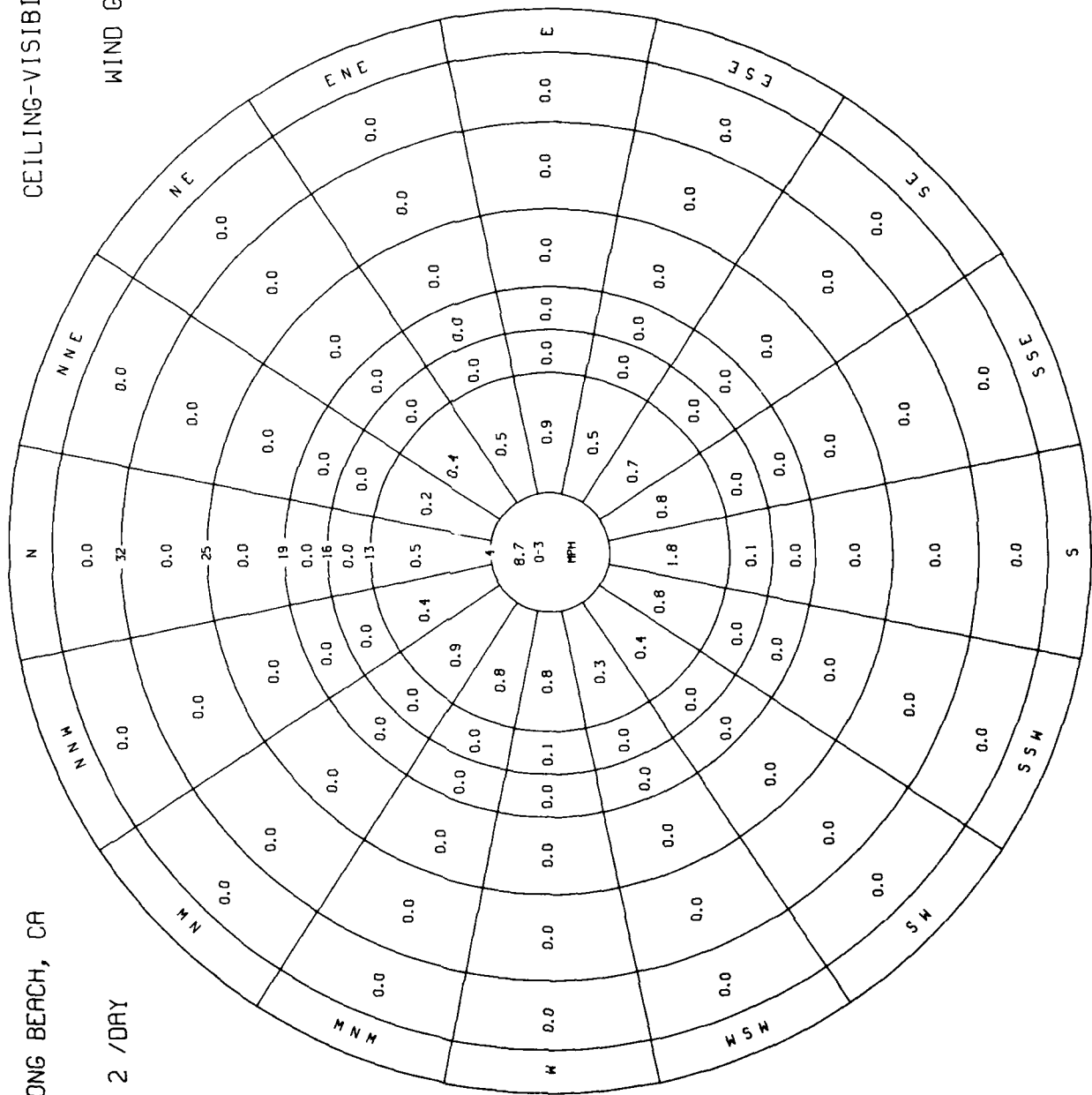
NO. OBS.: 30293

STATION NUMBER: 23129

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	1.2	1.5	2.1	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.4	5.1
NNE	.4	.6	.8	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.7	5.3
NE	.8	1.0	1.2	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.6	5.3
ENE	.7	1.0	1.6	2.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.5	3.2	5.7
E	1.5	2.0	2.9	3.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.5	6.0	5.4
ESE	.8	1.1	1.8	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.6	5.4
SE	1.0	1.4	1.5	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	3.4	5.0
SSE	.4	.5	1.4	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.5	6.2
S	.5	.7	1.8	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	3.2	6.2
SSW	.2	.3	1.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.6	6.3
SW	.2	.3	.9	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.5	6.1
WSW	.2	.3	1.2	1.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.5	2.0	7.6
W	.7	1.0	4.8	6.3	.5	.7	.2	.3	.1	.1	.0	.0	.0	.0	6.4	8.4	8.1
WNW	1.0	1.4	6.4	8.5	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	7.7	10.2	6.5
NW	1.6	2.2	6.6	8.7	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	8.5	11.2	6.1
NNW	.9	1.1	3.1	4.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	4.1	5.5	6.0
CALM	21.8	28.9													21.9	28.9	
TOTAL	34.1	45.2	39.1	51.8	1.3	1.7	.6	.8	.3	.4	.1	.1	.0	.0	75.5	100	4.4

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LGB LONG BEACH, CA

CLASS 2 / DAY

NO. OBS.: 9541

STATION NUMBER: 23129

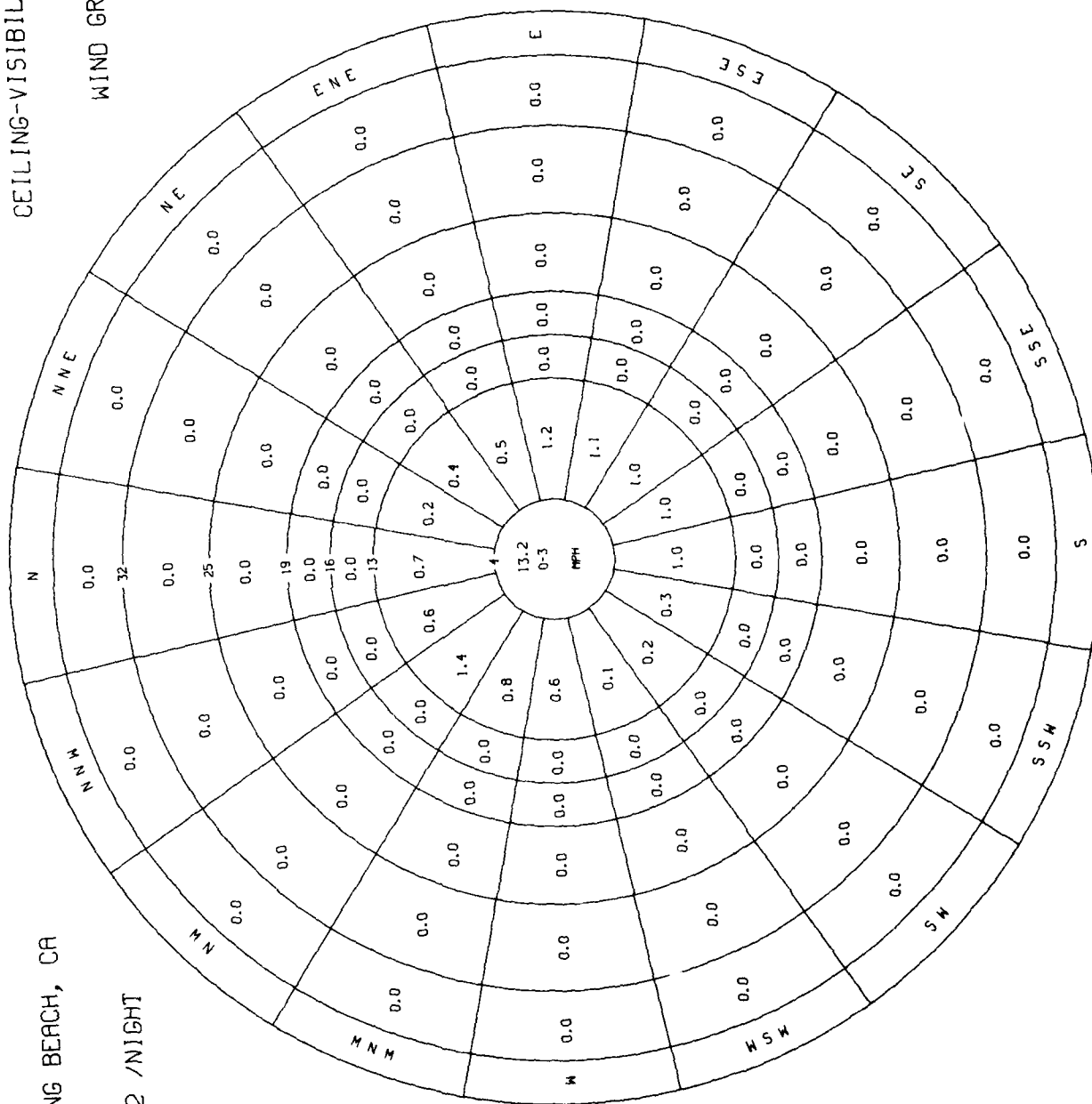
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.3	1.5	.5	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9 4.3
NNE	.1	.7	.2	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 1.7
NE	.3	1.6	.4	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8 3.9
ENE	.2	.9	.5	2.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.7 3.5
E	.4	2.2	.9	4.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	1.3 6.7
ESE	.2	1.0	.5	2.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7 3.7
SE	.3	1.5	.7	3.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	1.1 5.4
SSE	.2	.9	.8	4.2	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	1.1 5.5
S	.3	1.4	1.8	8.8	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	2.2 10.9
SSW	.1	.5	.8	3.8	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.9 4.5
SW	.1	.7	.4	2.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.6 2.9
WSW	.1	.4	.3	1.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4 1.9
W	.2	1.0	.8	3.8	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	1.0 5.2
WNW	.2	1.0	.8	4.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.1 5.3
NW	.3	1.6	.9	4.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.3 6.3
NNW	.2	1.0	.4	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6 3.1
CALM	5.1	25.2													5.1 25.2
TOTAL	8.7	43.1	10.8	53.6	.4	2.0	.2	.8	.1	.3	.0	.1	.0	.0	20.1 100

CEILING-VISIBILITY

WIND GRAPH

LGB LONG BEACH, CA

CLASS 2 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LGB LONG BEACH, CA

PERIOD: 1949-1978

CLASS 2 / NIGHT

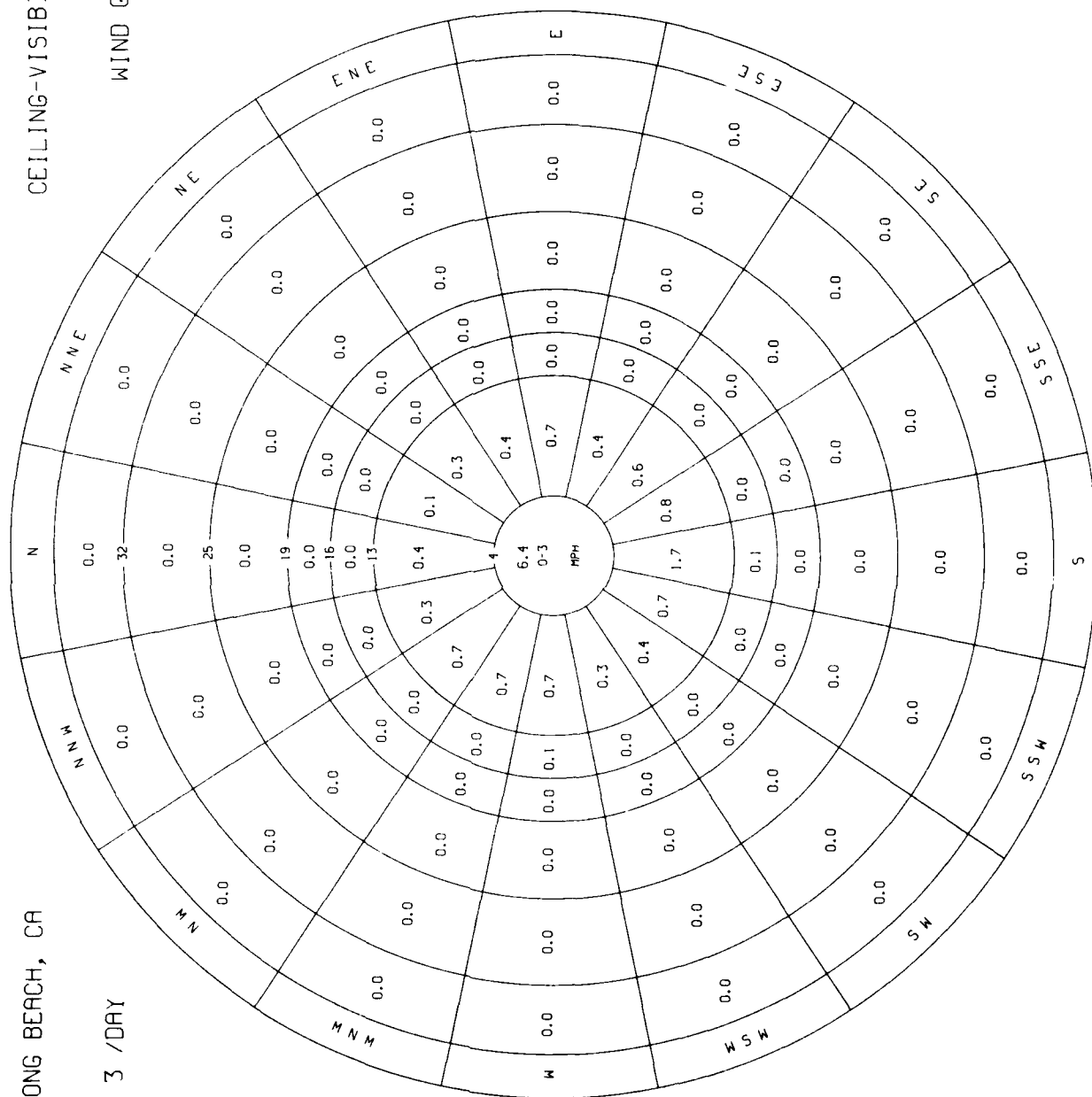
STATION NUMBER: 23129

NO. OBS.: 9837

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B				
N	.4	1.7	.7	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.3	4.6
NNE	.2	.7	.2	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.6	4.6
NE	.4	1.5	.4	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.3	4.6
ENE	.2	1.0	.5	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	2.9	5.2
E	.8	3.4	1.2	4.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	8.2	4.8
ESE	.4	1.6	1.1	4.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.5	6.0	5.5
SE	.6	2.5	1.0	4.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	6.9	5.3
SSE	.2	.8	1.0	4.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.2	5.0	6.6
S	.3	1.2	1.0	4.1	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	1.4	5.5	6.3
SSW	.1	.3	.3	1.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.4	1.6	6.7
SW	.1	.4	.2	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.4	6.2
WSW	.1	.2	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.8	7.0
W	.2	.7	.6	2.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.3	6.3
WNW	.2	1.0	.8	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.3	5.4
NW	.5	2.0	1.4	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.7	5.4
NNW	.2	.9	.6	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.2	5.0
CALM	8.3	33.8														8.3	33.8	
TOTAL	13.2	53.7	11.0	44.8	.2	.8	.1	.5	.0	.2	.0	.1	.0	.0	.0	24.5	100	3.6

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1978

STATION NAME: LGB LONG BEACH, CA

CLASS 3 / DAY

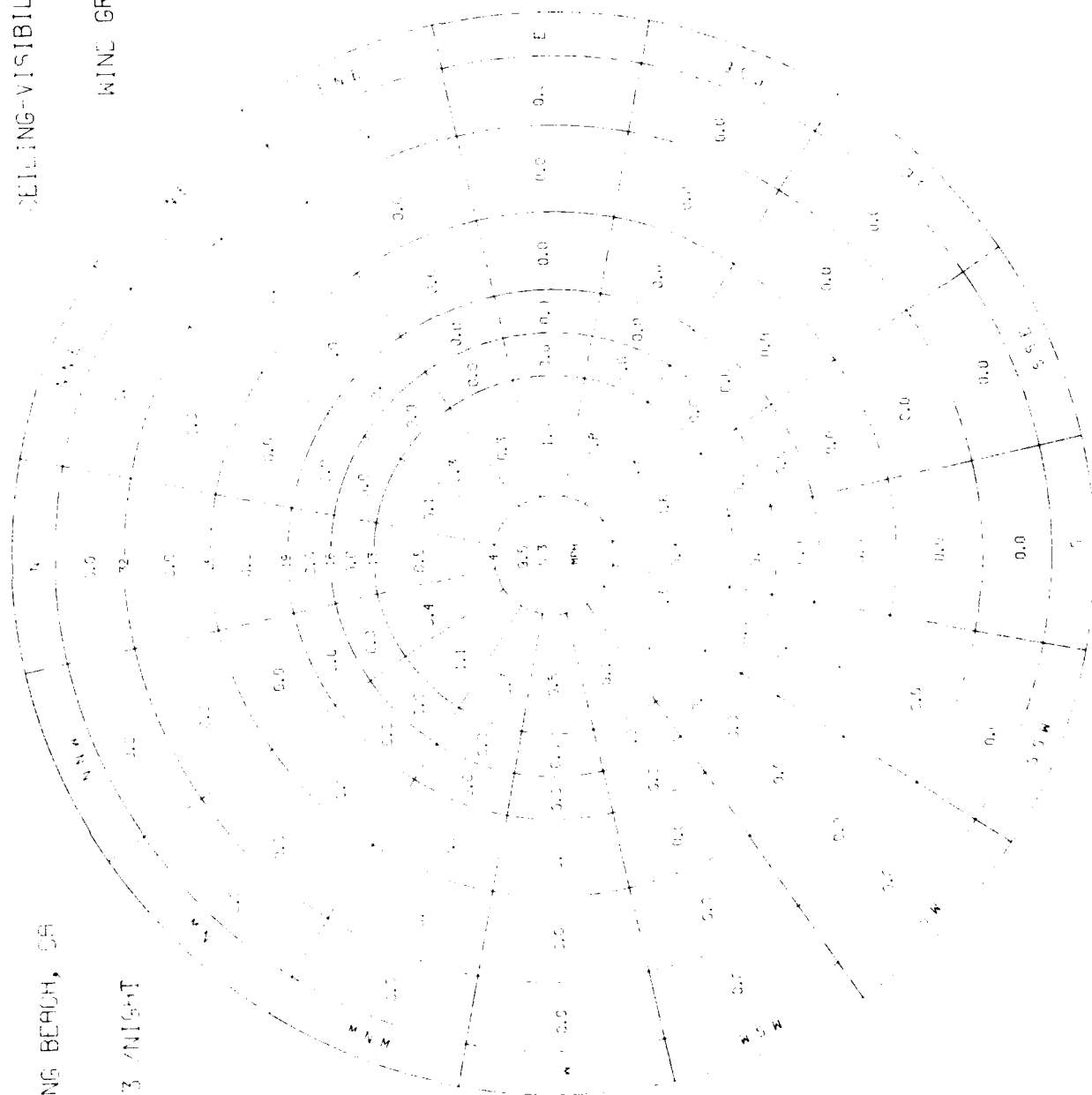
NO. OBS.: 7772

STATION NUMBER: 23129

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.2	1.2	.4	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6 3.6
NNE	.1	.6	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.4
NE	.2	1.5	.3	2.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6 3.6
ENE	.1	.8	.4	2.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.5 3.2
E	.3	2.1	.7	4.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	1.1 6.7
ESE	.2	.9	.4	2.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6 3.5
SE	.2	1.4	.6	3.9	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.9 5.7
SSE	.1	.9	.8	4.6	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	1.0 6.0
S	.2	1.3	1.7	10.2	.1	.6	.0	.2	.0	.1	.0	.0	.0	.0	2.0 12.4
SSW	.1	.6	.7	4.5	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.9 5.4
SW	.1	.7	.4	2.5	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.5 3.3
WSW	.1	.3	.3	1.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.0
W	.2	1.0	.7	4.4	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	1.0 5.9
WNW	.2	.9	.7	4.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.9 5.6
NW	.2	1.3	.7	4.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.0 6.1
NNW	.1	.9	.3	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5 2.9
CALM	1.7	22.7													3.7 22.7
TOTAL	6.4	39.3	9.3	56.9	.4	2.3	.2	1.0	.1	.4	.0	.1	.0	.0	16.4 100
															5.0

US LONG BEACH, CA

CLASS 3 NIGHT



100-100000

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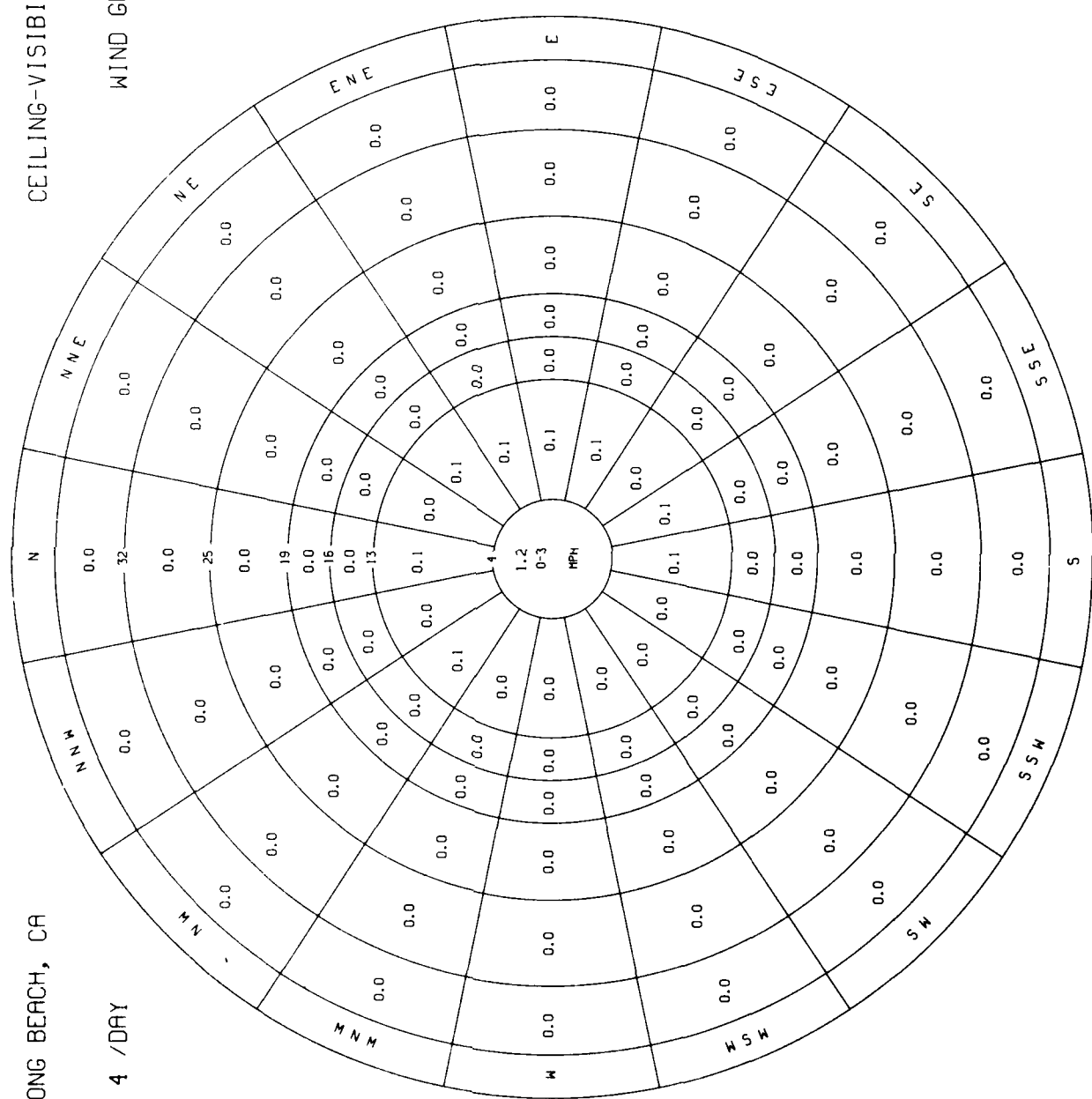
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SPEED GROUPS MPH														AVG
0-3		4-12		13-15		16-18		19-24		25-31		TOTAL		WIND SPEED
A	B	A	B	A	B	A	B	A	B	A	B	C	D	
3	1.5	5	2.6	0	0	0	0	0	0	0	0	8	4.0	4.7
1	5	1	6	0	0	0	0	0	0	0	0	2	1.3	4.8
2	1.3	3	1.7	0	0	0	0	0	0	0	0	6	3.0	4.7
2	1.0	3	1.3	0	0	0	0	0	0	0	0	5	2.9	5.3
3	2.2	1.0	3.3	0	0	0	0	0	0	0	0	1.6	8.6	5.0
3	1.6	6	4.5	0	1	0	0	0	0	0	0	1.2	6.2	5.7
4	2.3	9	4.7	0	2	0	0	0	0	0	0	1.4	7.2	5.5
1	3	9	4.5	0	2	0	0	0	0	0	0	1.0	5.5	6.8
2	1.2	9	4.6	0	2	0	0	0	0	0	0	1.2	6.1	6.5
1	3	3	1.5	0	0	0	0	0	0	0	0	4	1.9	6.9
5	0	0	9	0	0	0	0	0	0	0	0	3	1.6	6.3
5	0	0	9	0	0	0	0	0	0	0	0	2	8	7.6
0	2	1	5	0	0	0	0	0	0	0	0	7	3.5	6.6
1	7	1	2.7	0	0	0	0	0	0	0	0	9	4.6	5.5
2	1.0	1	2.2	0	0	0	0	0	0	0	0	0	0	5.5
4	1.9	1	2.9	0	0	0	0	0	0	0	0	1.5	7.9	5.5
2	1.0	4	2.4	0	0	0	0	0	0	0	0	6	3.4	5.0
3.9	31.4	9.1	47.4	0	0	0	0	0	0	0	0	5.9	31.4	3.9
3.5	50.4	9.1	47.4	0	0	0	0	0	0	0	0	18.9	100	

CEILING-VISIBILITY

WIND GRAPH



LGB LONG BEACH, CA

CLASS 4 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: USB LONG BEACH, CA

PERIOD: 1949-1978

CLASS 4 / DAY

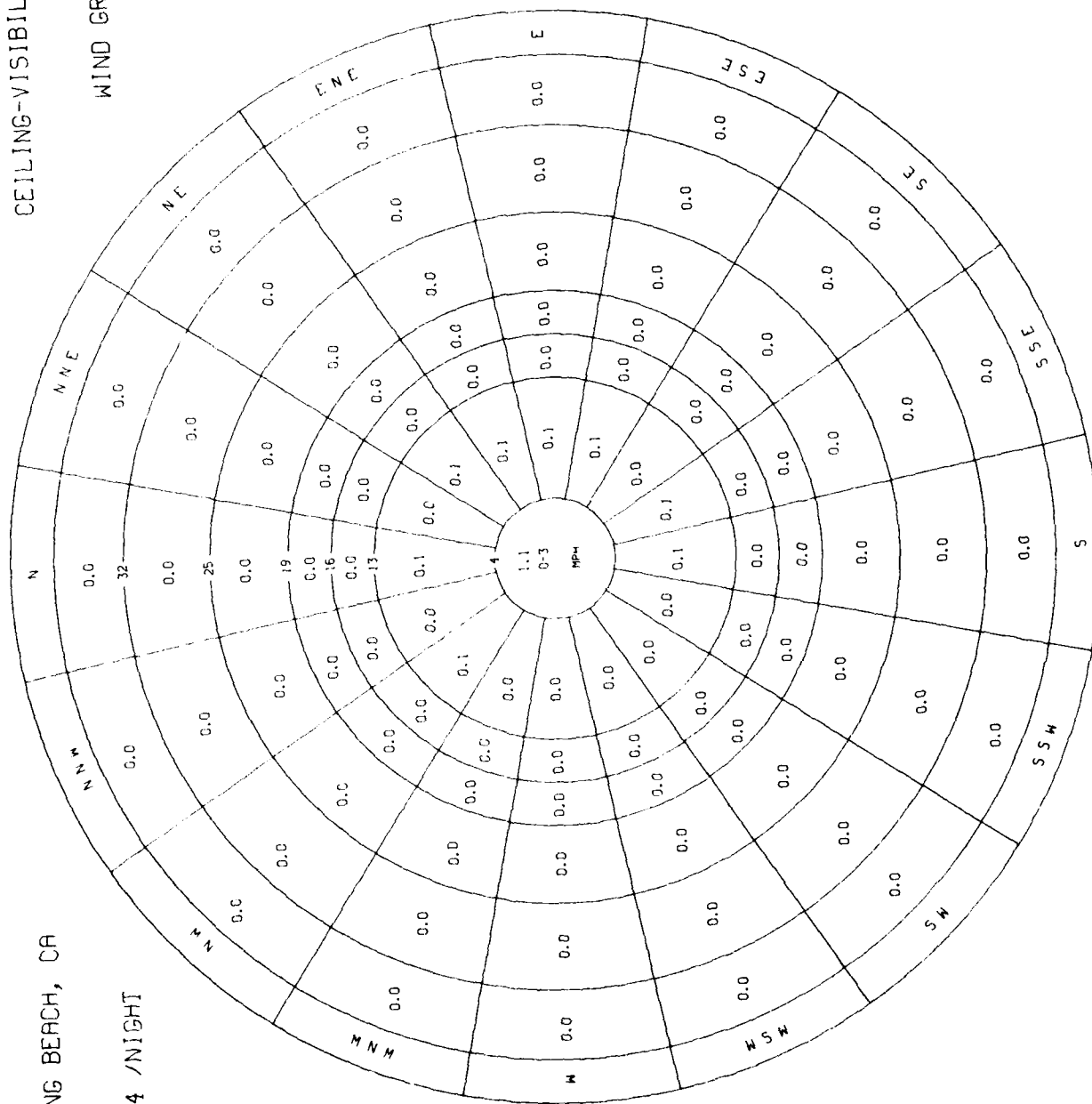
STATION NUMBER: 23129

NO. OBS.: 975

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	2.6	.1	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.4
NNE	.0	1.2	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.3
NNE	.0	2.3	.1	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.4
ENE	.0	1.2	.1	3.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.7
E	.0	2.4	.1	4.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.8
ESE	.0	.9	.1	3.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.4
SSE	.0	2.1	.0	2.2	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1 4.5
SSE	.0	1.2	.1	2.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.3
S	.0	2.2	.1	3.7	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.1 6.4
SSW	.0	.0	.0	1.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0 1.6
SW	.0	.8	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
WSW	.0	.5	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
W	.0	1.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.4
WNW	.0	.8	.0	2.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.2
NW	.1	2.6	.1	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 7.4
NNW	.0	1.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.2
CALM	.7	33.3													.7 33.3
TOTAL	1.2	56.3	.9	41.9	.0	1.4	.0	.2	.0	.1	.0	.0	.0	.0	2.1 100
															3.5

CEILING-VISIBILITY

WIND GRAPH



LGB LONG BEACH, CA

CLASS 4 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LGB LONG BEACH, CA

PERIOD: 1949-1978

CLASS 4 / NIGHT

STATION NUMBER: 23129

NO. OBS.: 761

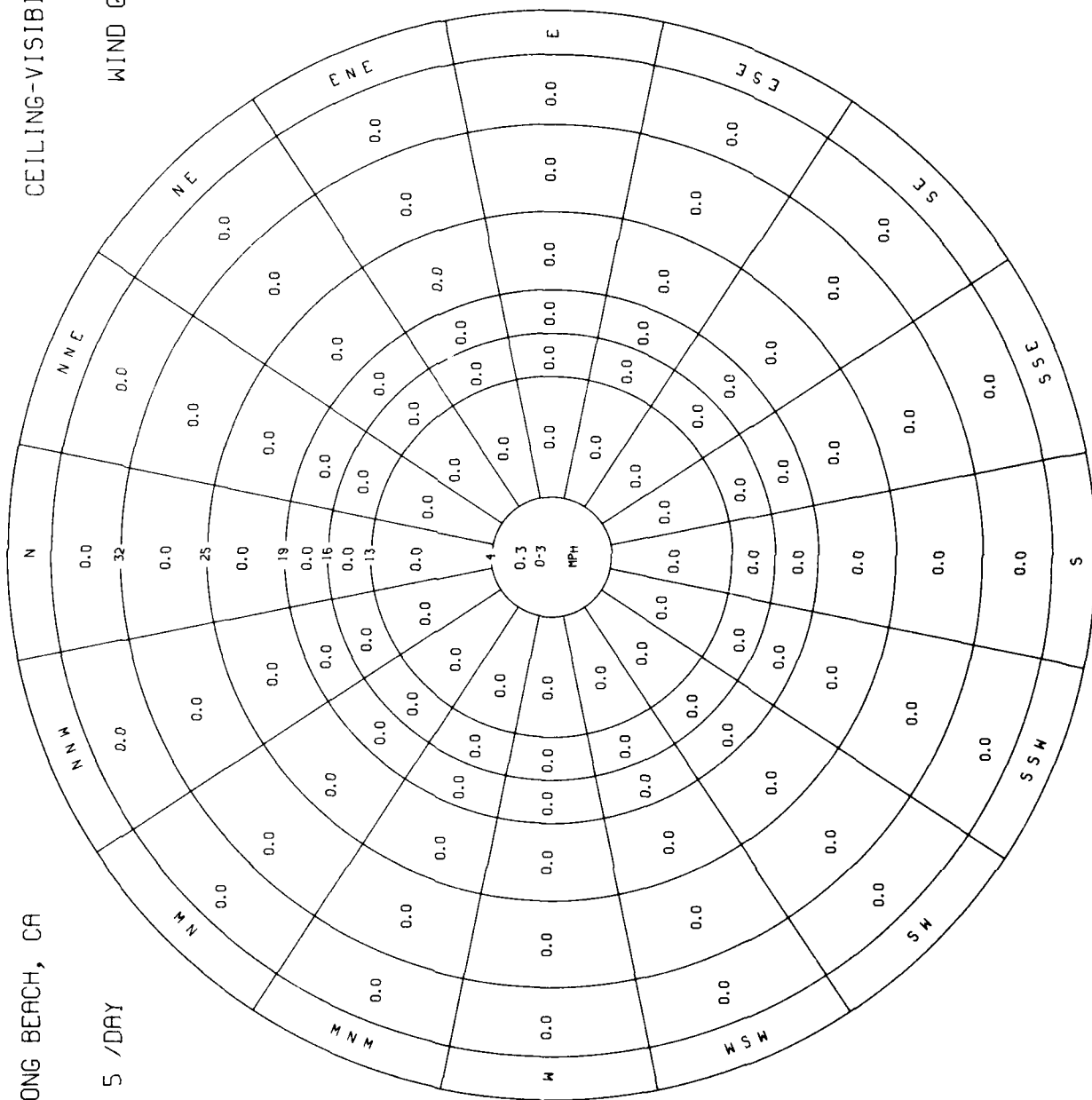
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	1.7	.1	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.9	4.8
NNE	.0	.9	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.5
NE	.0	2.5	.1	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.7	4.7
ENE	.0	1.1	.1	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.3	5.9
E	.1	3.9	.1	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.0	4.6
ESE	.0	2.0	.1	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.6	4.9
SE	.1	3.2	.0	2.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.9	4.5
SSE	.0	1.2	.1	4.1	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	5.7	6.6
S	.0	1.2	.1	3.7	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	5.0	6.1
SSW	.0	.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.8
SW	.0	.3	.0	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.6
WSW	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	4.5
W	.0	.8	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.3
WNW	.0	.7	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	5.8
NW	.0	2.5	.1	4.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.8	5.4
NNW	.0	.5	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.6
CALM	.6	33.6														.6	33.6	
TOTAL	1.1	56.6	.8	42.4	.0	.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	1.9	100	3.5

CEILING-VISIBILITY

WIND GRAPH

LGB LONG BEACH, CA

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LGB LONG BEACH, CA

PERIOD: 1949-1978

CLASS 5 / DAY

STATION NUMBER: 23129

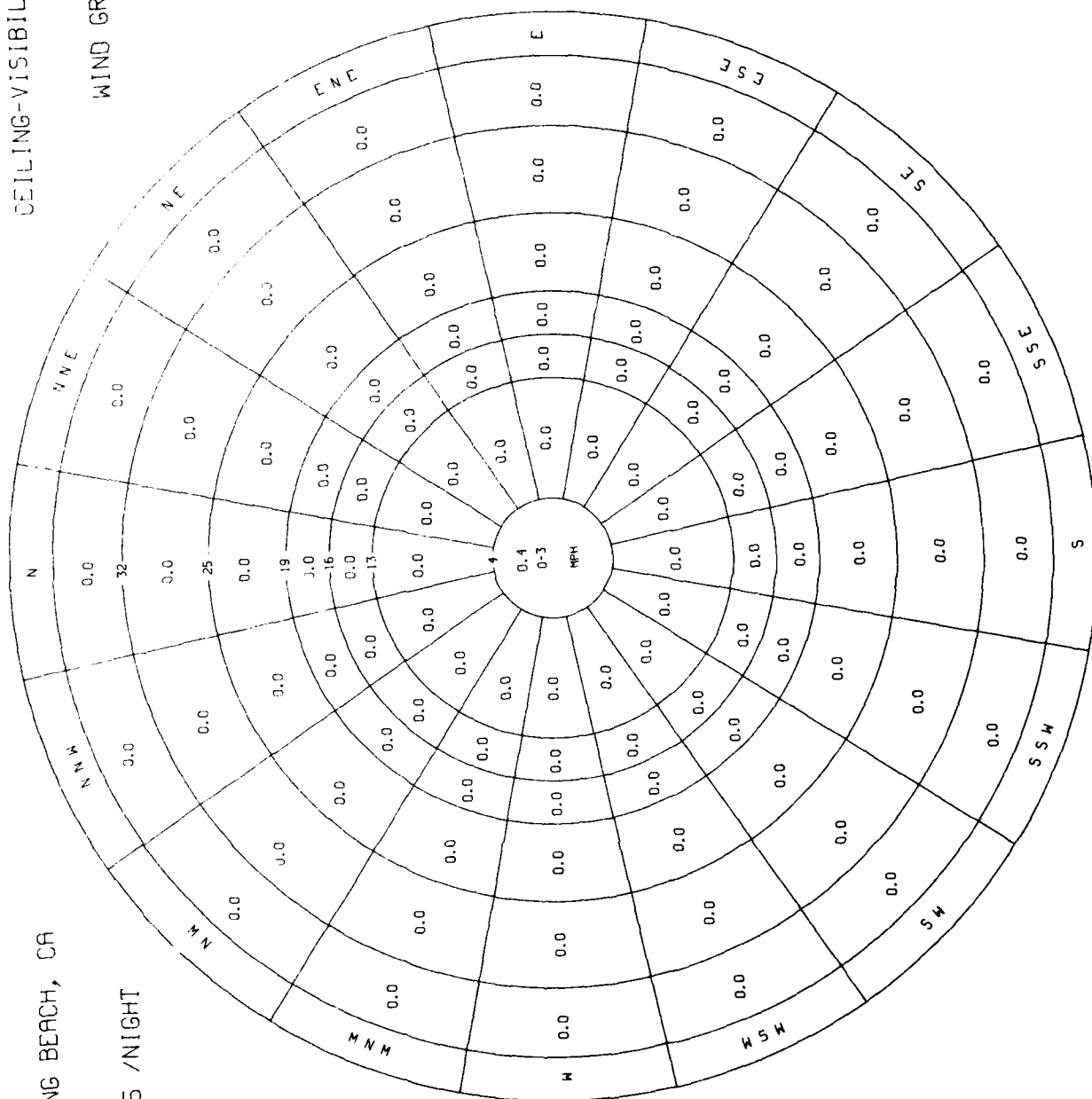
NO. OBS.: 255

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	3.9	.0	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.4	4.5
NNE	.0	.4	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.4
NE	.0	.4	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.5
ENE	.0	1.6	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	4.8
E	.0	4.3	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	4.5
ESE	.0	.0	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	5.6
SE	.0	2.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	4.4
SSE	.0	.8	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.7
S	.0	.8	.0	2.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	6.4
SSW	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.0
W	.0	.8	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.8
WNW	.0	3.1	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	3.8
NW	.0	2.7	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0	4.9
NNW	.0	1.6	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	4.4
CALM	.2	35.7													.2	35.7	
TOTAL	.3	58.8	.2	40.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.5	100	3.1

WIND GRAPH

LGB LONG BEACH, CA

CLASS 5 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LGB LONG BEACH, CA

PERIOD: 1949-1978

CLASS 5 / NIGHT

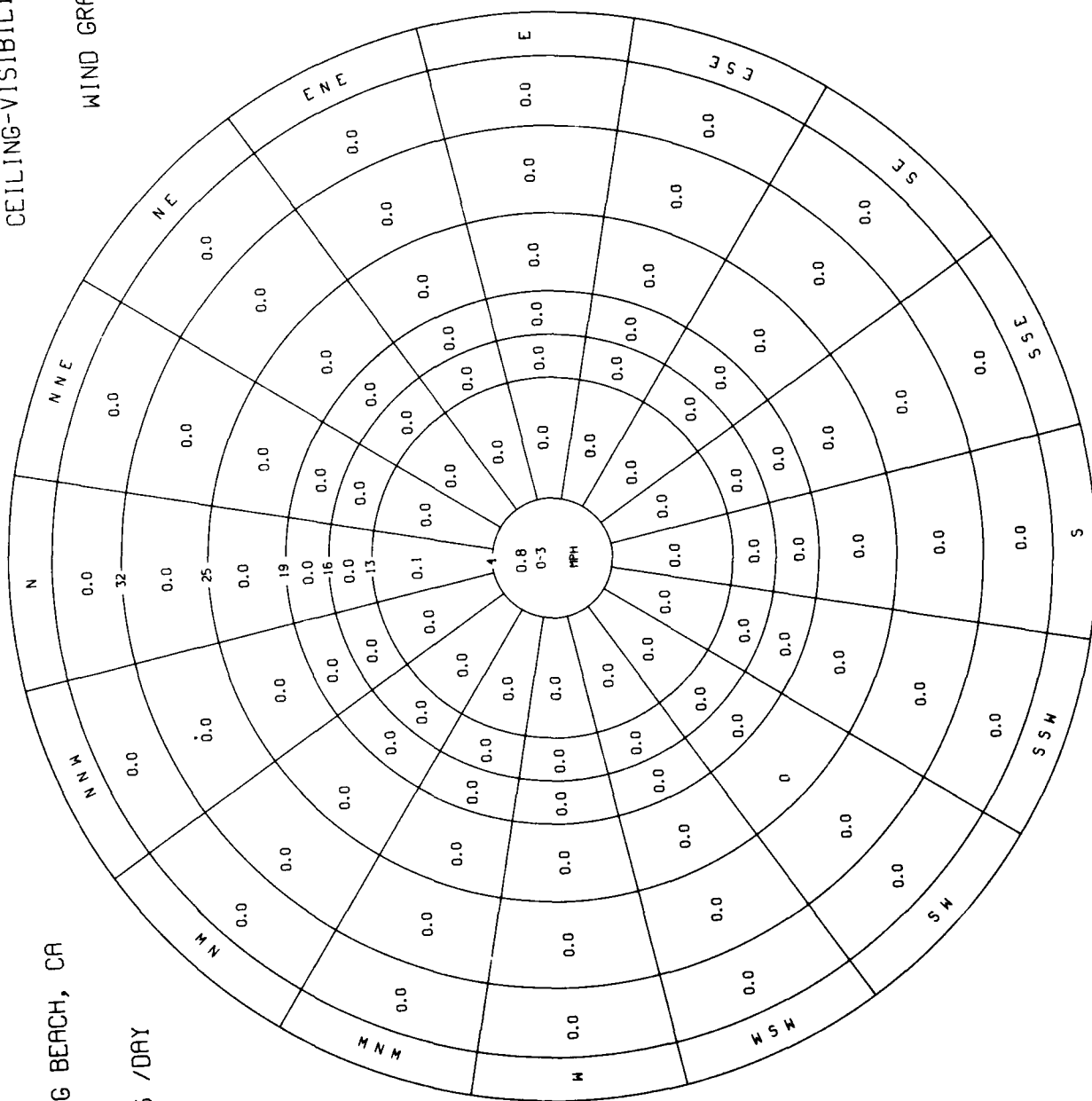
STATION NUMBER: 23129

NO. OBS.: 248

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.8	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9
NNE	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
NE	.0	1.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
ENE	.0	.4	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
E	.0	6.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7
ESE	.0	2.0	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2
SE	.0	2.8	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
SSE	.0	.8	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
S	.0	1.2	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5
SSW	.0	.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
SW	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
WSW	.0	.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
W	.0	.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
WNW	.0	.8	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2
NW	.0	1.2	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
NNW	.0	.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
CALM	.3	43.1													43.1
TOTAL	.4	65.3	.2	34.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6
															100
															2.7

WIND GRAPH

CLASS 6 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LGB LONG BEACH, CA

PERIOD: 1949-1978

CLASS 6 / DAY

STATION NUMBER: 23129

NO. OBS.: 539

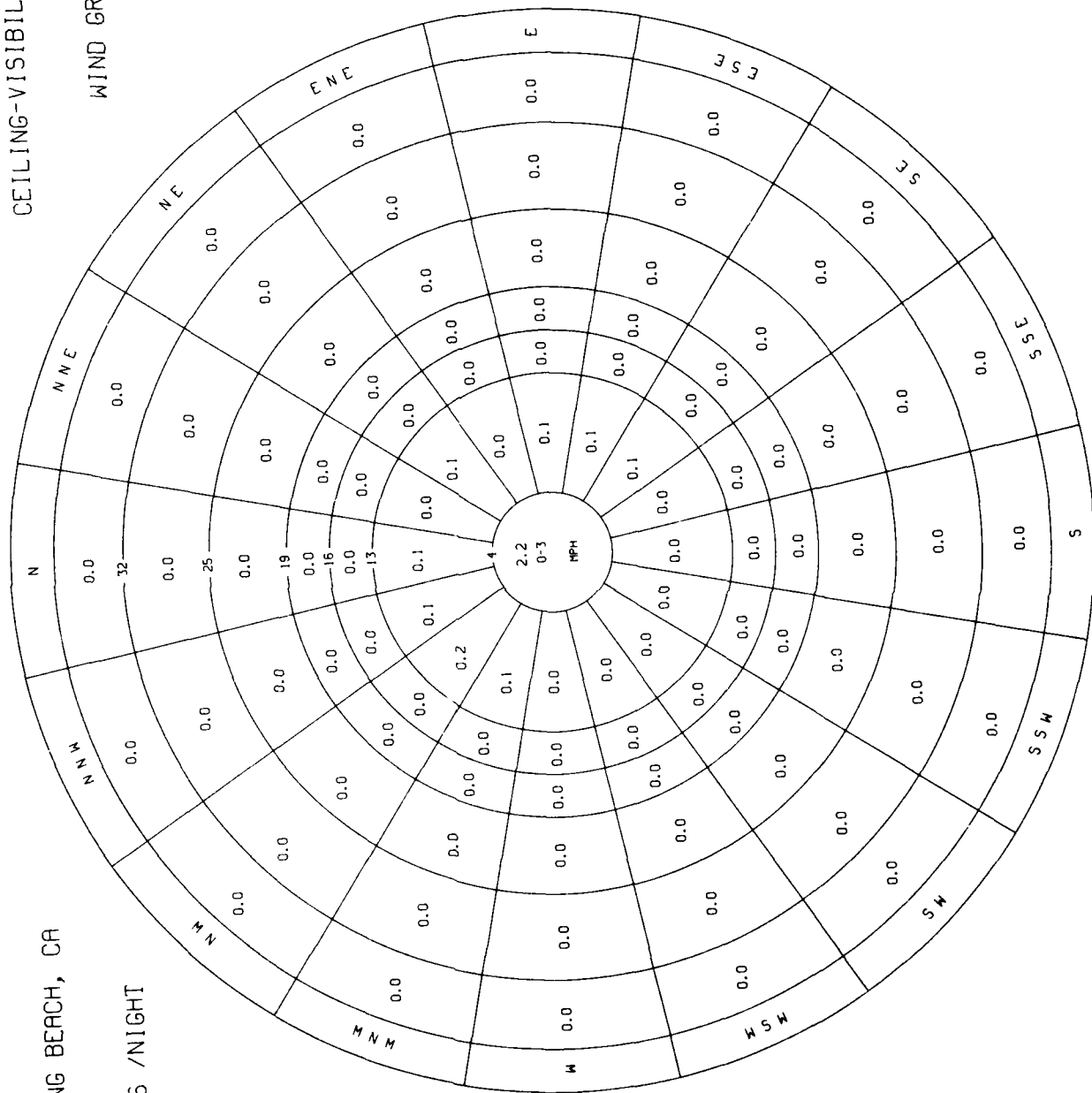
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	3.2	.1	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.0	4.4
NNE	.0	2.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.3
NE	.0	2.8	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.1	4.6
ENE	.0	1.7	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	4.5
E	.0	1.7	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.6	4.7
ESE	.0	2.4	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.8	4.6
SE	.0	1.1	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.7
SSE	.0	.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.1
S	.0	1.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	3.8
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.6
WSW	.0	.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.6
W	.0	.6	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.5
WNW	.0	1.9	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.4
NW	.0	3.3	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.9	4.4
NNW	.0	2.2	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.8	4.4
CALM	.5	41.6												.5	41.6		
TOTAL	.8	67.2	.4	32.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	100	2.6

CEILING-VISIBILITY

WIND GRAPH

LGB LONG BEACH, CA

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LGB LONG BEACH, CA

PERIOD: 1949-1978

CLASS 6 / NIGHT

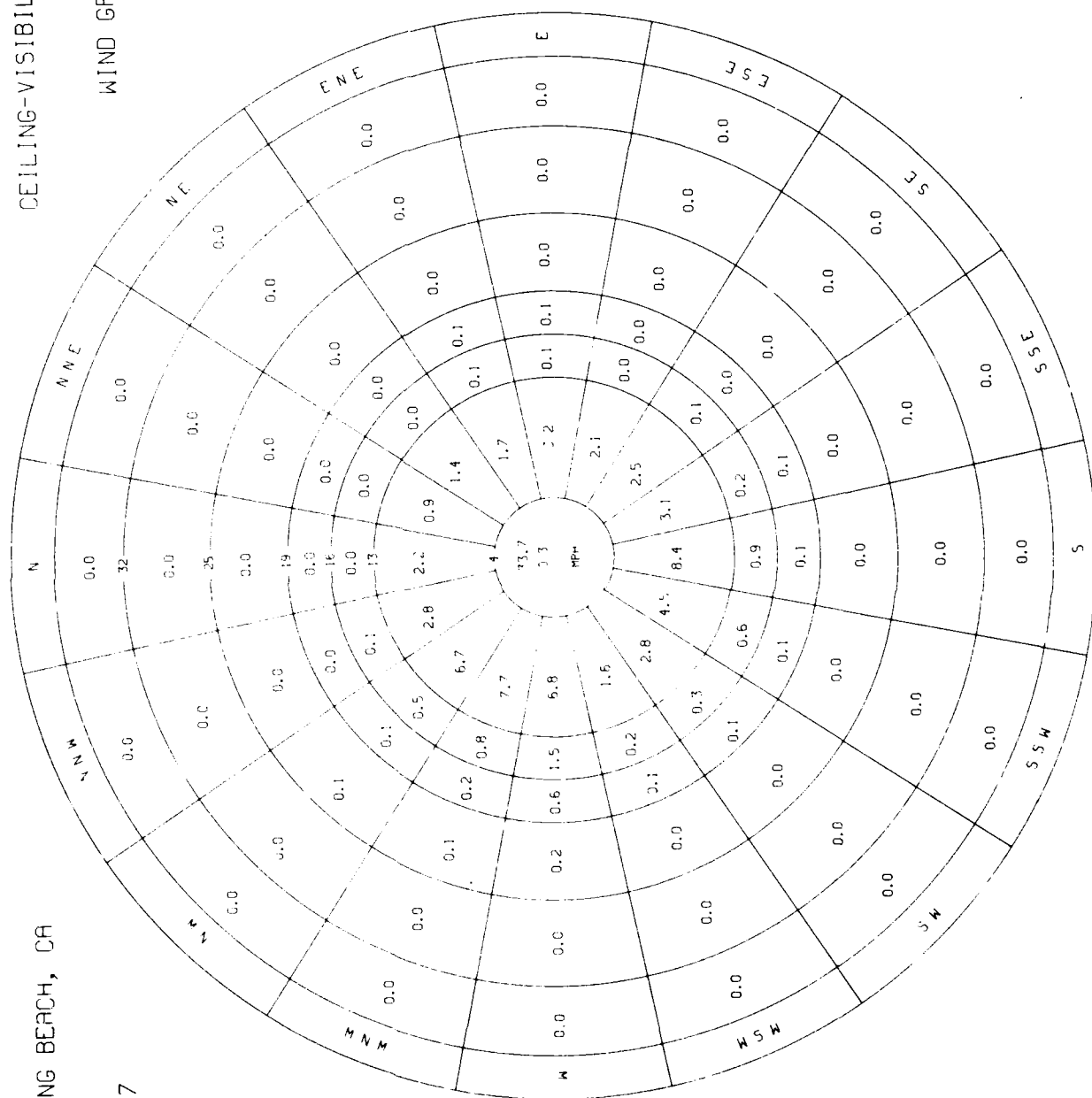
STATION NUMBER: 23129

NO. OBS.: 1245

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D	
N	.1	2.7	.1	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.4	4.3
NNE	.0	1.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.4	4.2
NE	.1	1.8	.1	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.5	4.0
ENE	.0	1.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.5	4.4
E	.1	3.7	.1	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.3	3.9
ESE	.1	1.7	.1	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.9	4.7
SE	.1	3.2	.1	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.0	4.1
SSE	.0	.7	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	4.6
S	.0	1.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	4.5
SSW	.0	.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	4.5
SW	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.0
WSW	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.9
W	.0	1.2	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.8	4.6
WNW	.0	1.0	.1	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.4	4.8
NW	.1	2.2	.2	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	7.6	5.2
NNW	.0	.9	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	4.9
CALM	1.4	46.5														1.4	46.5	
TOTAL	2.2	69.6	.9	30.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	100	2.4

LGB LONG BEACH, CA

CLASS 7



AD-A108 169

NATIONAL CLIMATIC CENTER ASHEVILLE NC

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WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME I--ETC(U)

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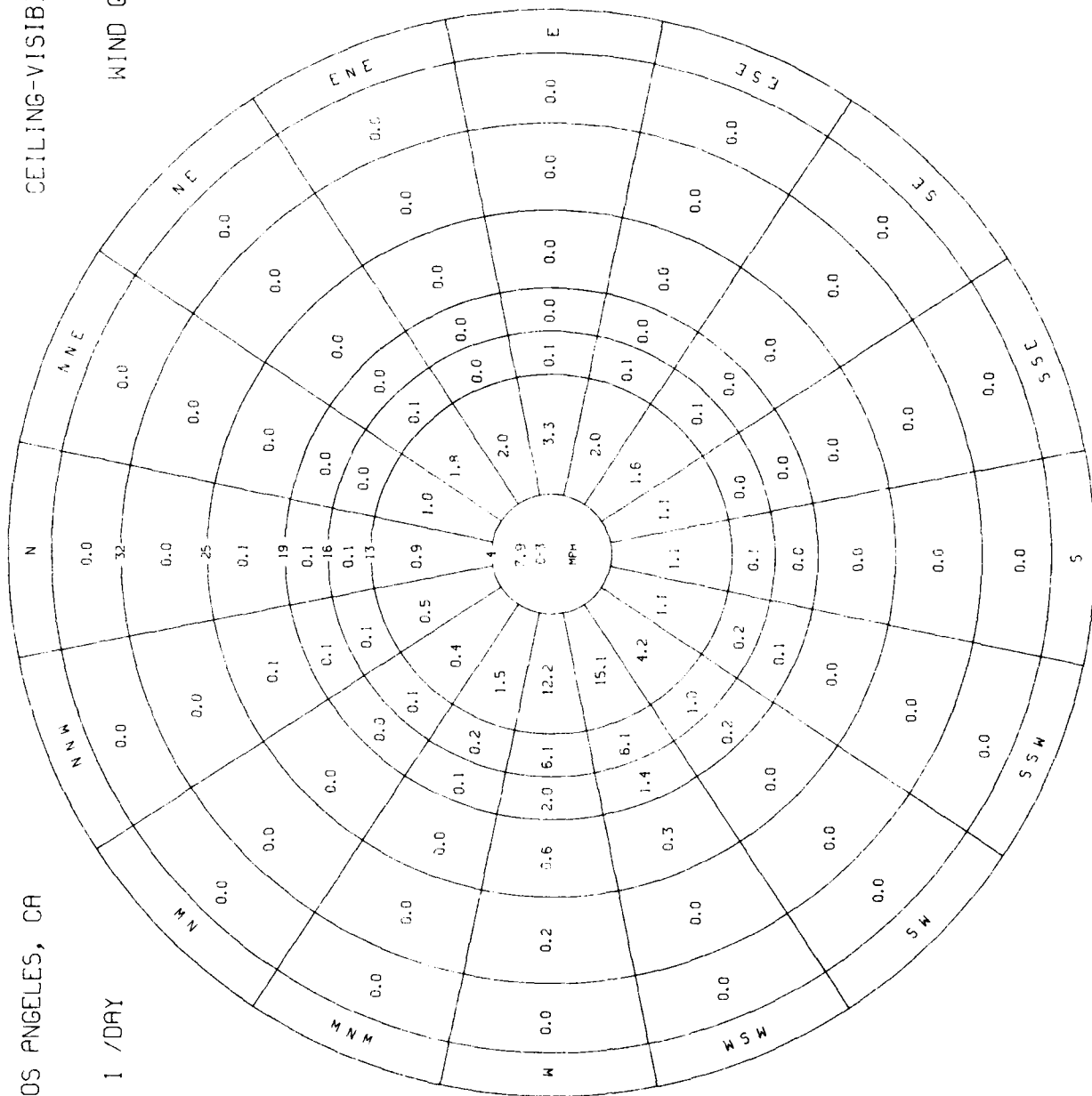
A
8169

CEILING-VISIBILITY

WIND GRAPH

LAX LOS ANGELES, CA

CLASS 1 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: LAX LOS ANGELES, CA

CLASS 1 / DAY

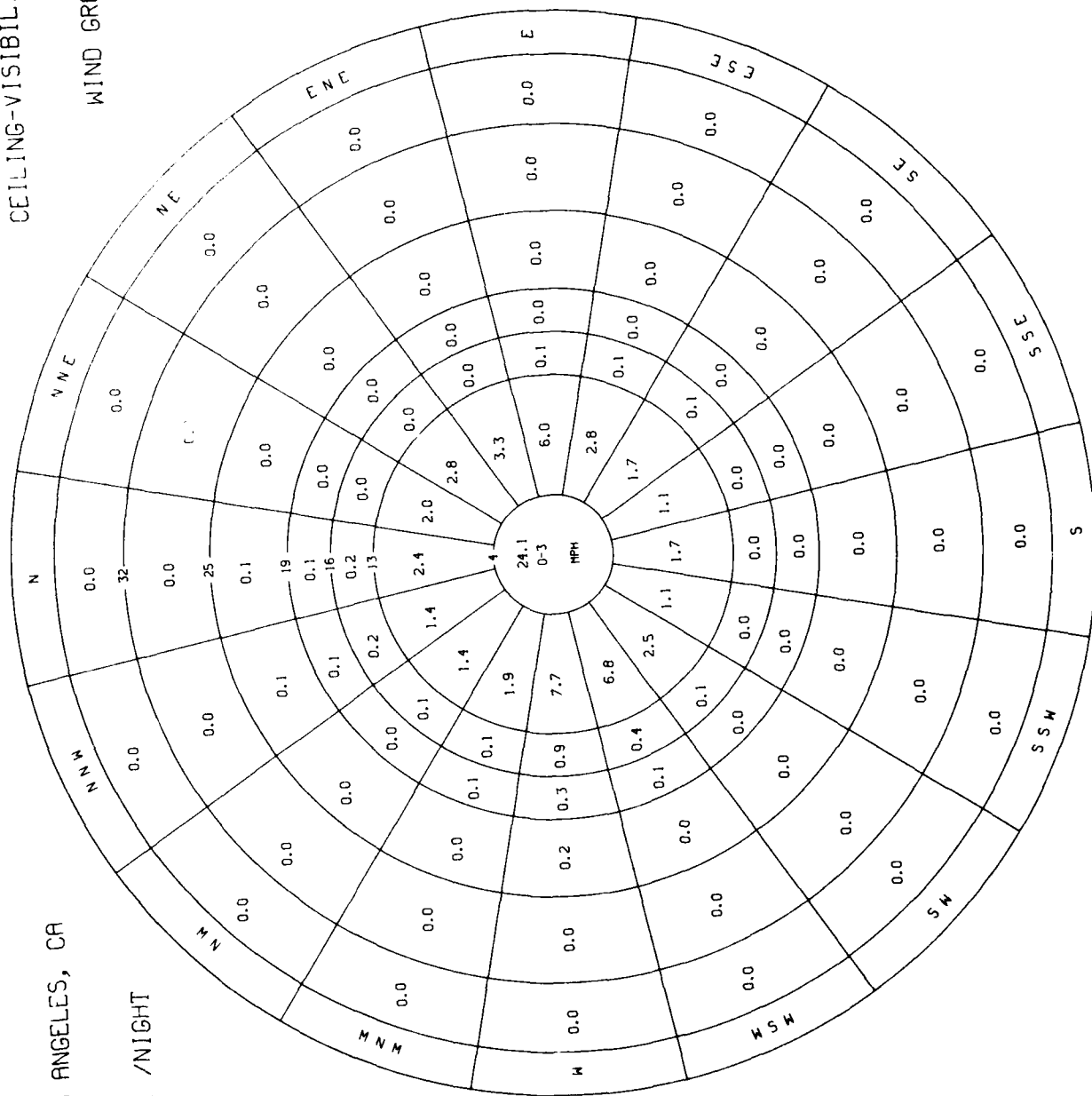
NO. OBS.: 38239

STATION NUMBER: 23174

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.3	.4	.3	1.1	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	1.5	1.9	8.3
NNE	.3	.4	1.0	1.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.7	6.7
NE	.5	.6	1.8	2.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.4	3.1	6.5
ENE	.5	.7	2.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	3.3	6.2
E	.8	1.1	3.3	4.3	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.6	6.4
ESE	.5	.7	2.0	2.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.6	3.4	6.4
SE	.4	.6	1.6	2.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5	2.0	6.8
SSE	.4	.5	1.1	1.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5	2.0	6.5
S	.4	.5	1.1	1.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.9	8.2
SSW	.2	.3	1.1	1.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	5.7	7.3	9.5
SW	.4	.5	4.2	5.3	1.0	1.2	.2	.2	.0	.0	.0	.0	.0	.0	23.4	30.0	10.9
WSW	.5	.6	15.1	19.4	6.1	7.8	1.4	1.8	.3	.3	.0	.0	.0	.0	21.6	27.8	11.7
W	.4	.6	12.2	15.7	6.1	7.8	2.0	2.6	.6	.8	.2	.2	.0	.0	2.1	2.7	9.0
WNW	.2	.3	1.5	1.9	.2	.3	.1	.1	.0	.1	.0	.0	.0	.0	.8	1.0	8.1
NW	.2	.2	.4	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.3	11.1
NNW	.2	.2	.5	.6	.1	.1	.1	.1	.1	.2	.0	.0	.0	.0	1.8	2.3	9.5
CALM	1.8	2.3			14.4	18.5	4.2	5.3	1.3	1.6	.3	.4	.1	.1	77.9	100	
TOTAL	7.9	10.2	49.7	63.8	14.4	18.5	4.2	5.3	1.3	1.6	.3	.4	.1	.1	177.9	100	9.5

LAX LOS ANGELES, CA

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LAX LOS ANGELES, CA

PERIOD: 1948-1978

CLASS 1 / NIGHT

STATION NUMBER: 23174

NO. OBS.: 30833

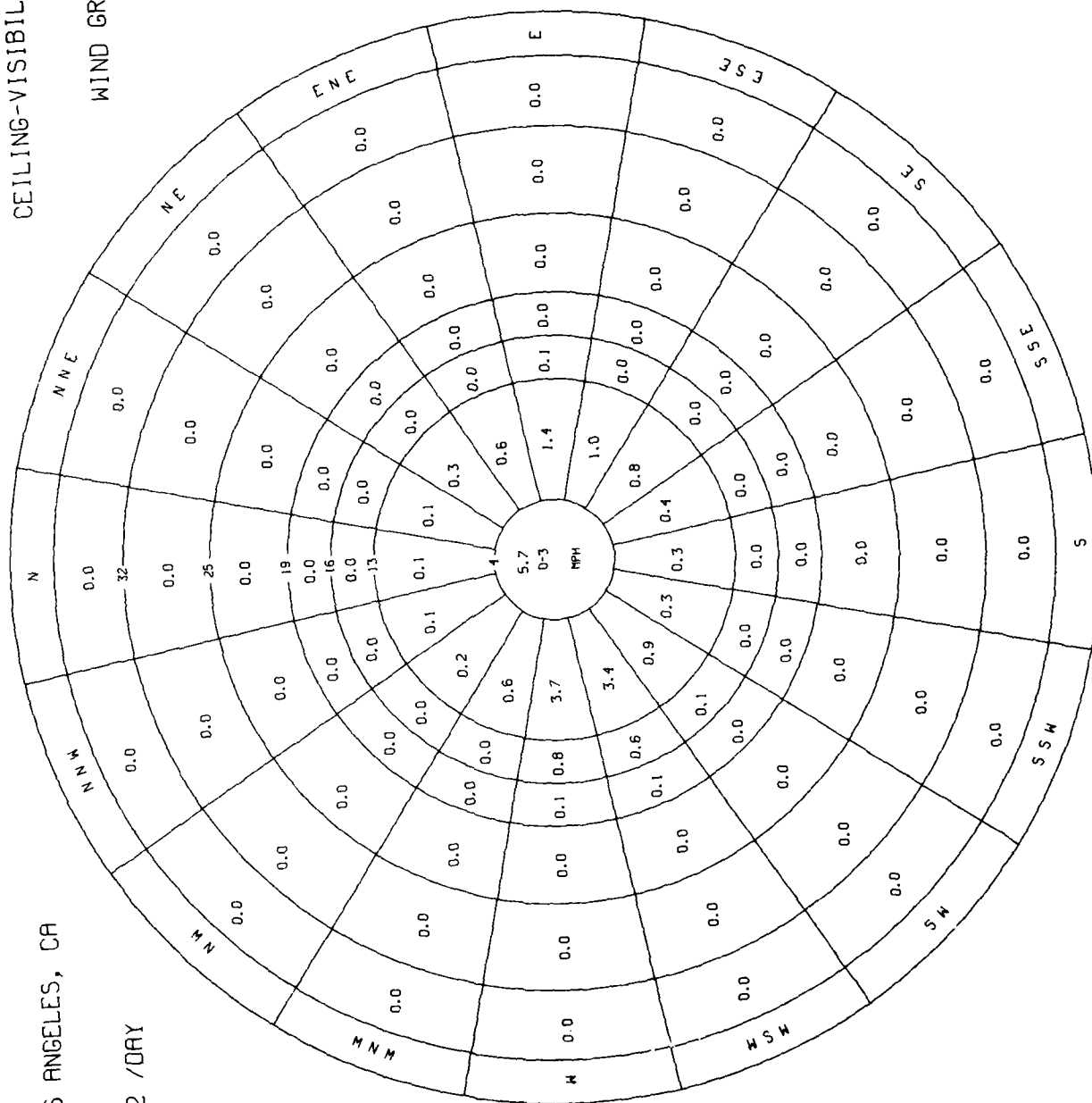
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	1.0	1.3	2.4	3.2	.2	.3	.1	.2	.1	.1	.0	.0	.0	.0	3.8	5.1	7.1
NNE	.9	1.2	2.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.9	5.8
NE	1.2	1.6	2.8	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	5.3	5.4
ENE	1.5	2.0	3.3	4.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.8	6.5	5.3
E	2.3	3.1	6.0	8.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	8.4	11.3	5.5
ESE	1.4	1.9	2.8	3.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.2	5.7	5.4
SE	1.1	1.4	1.7	2.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.8	3.8	5.3
SSE	.7	.9	1.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	2.4	5.1
S	.8	1.0	1.7	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	3.3	5.4
SSW	.6	.7	1.1	1.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.7	2.2	5.6
SW	.9	1.2	2.5	3.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.5	4.7	5.9
WSW	1.2	1.6	6.8	9.2	.4	.5	.1	.2	.0	.0	.0	.0	.0	.0	8.6	11.5	7.1
W	1.4	1.8	7.7	10.4	.9	1.2	.3	.4	.2	.3	.0	.0	.0	.0	10.5	14.1	8.1
WNW	.7	.9	1.9	2.5	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.8	3.7	6.8
NW	.6	.8	1.4	1.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.8	6.2
NNW	.6	.8	1.4	1.9	.2	.3	.1	.2	.1	.2	.0	.0	.0	.0	2.5	3.4	8.2
CALM	7.5	10.1													7.5	10.1	
TOTAL	24.1	32.4	46.3	62.3	2.4	3.2	.9	1.3	.5	.7	.1	.1	.0	.0	74.3	100	5.7

CEILING-VISIBILITY

WIND GRAPH

LAX LOS ANGELES, CA

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: LAX LOS ANGELES, CA

CLASS 2 / DAY

NO. OBS.: 10861

STATION NUMBER: 23174

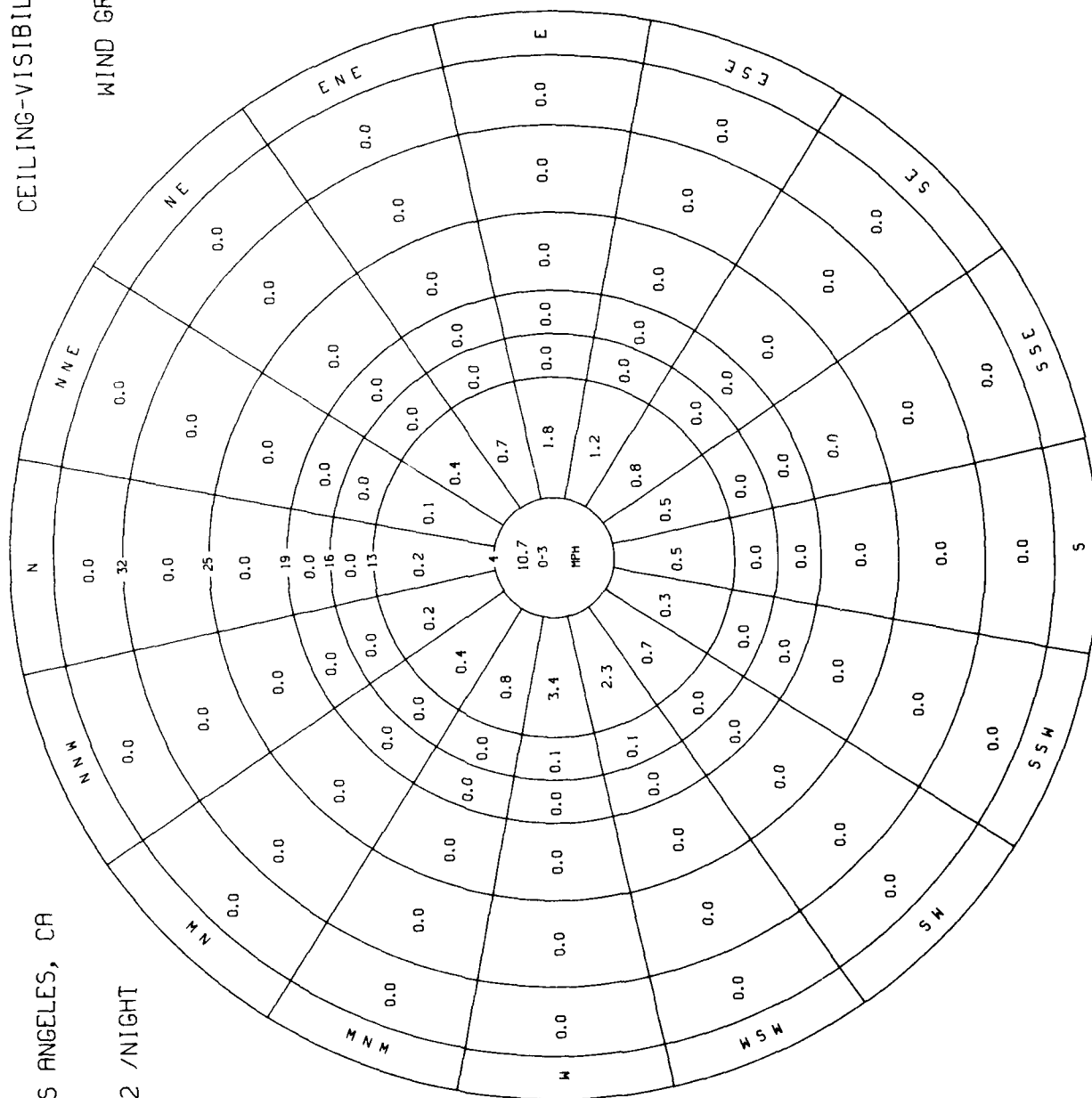
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.6	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 1.3
NNE	.1	.5	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 1.2
NE	.2	.9	.3	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5 2.5
ENE	.4	1.6	.6	2.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.0 4.5
E	.5	2.1	1.4	6.1	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	1.9 8.7
ESE	.4	1.7	1.0	4.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.4 6.3
SE	.5	2.2	.8	3.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	1.3 6.0
SSE	.3	1.2	.4	1.8	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.7 3.2
S	.3	1.1	.3	1.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6 2.8
SSW	.2	.8	.3	1.2	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.5 2.2
SW	.3	1.1	.9	4.2	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.3 5.7
WSW	.4	1.6	3.4	15.3	.6	2.8	.1	.3	.0	.0	.0	.0	.0	.0	4.5 20.1
W	.3	1.5	3.7	16.9	.8	3.6	.1	.6	.0	.1	.0	.0	.0	.0	5.0 22.6
WNW	.2	.8	.6	2.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.8 3.4
NW	.1	.4	.2	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 1.4
NNW	.1	.5	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 .8
CALM	1.6	7.3													1.6 7.3
TOTAL	5.7	25.9	14.3	64.5	1.7	7.7	.3	1.4	.1	.4	.0	.1	.0	.0	22.1 100

CEILING-VISIBILITY

WIND GRAPH

LAX LOS ANGELES, CA

CLASS 2 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: LAX LOS ANGELES, CA

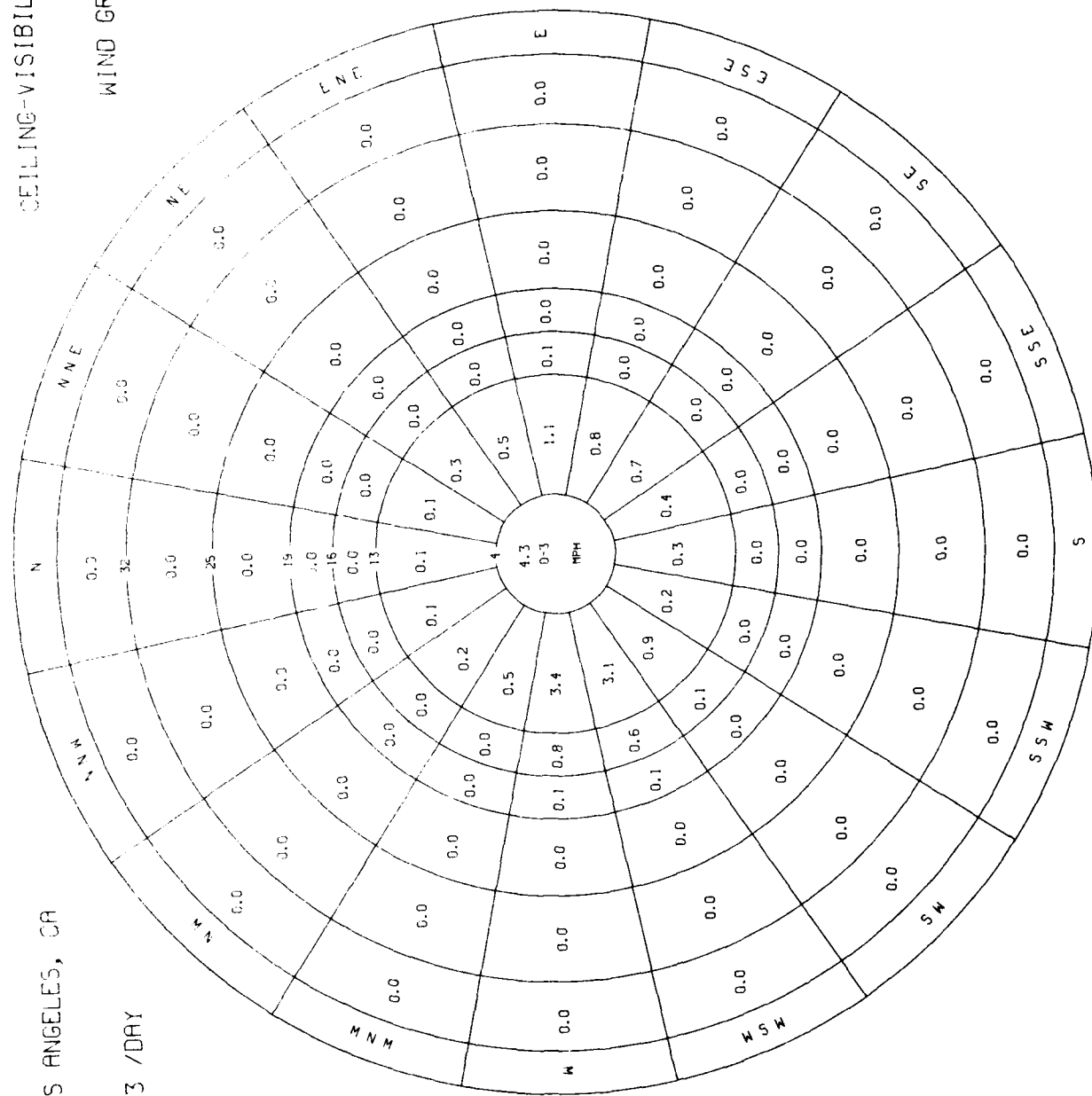
CLASS 2 / NIGHT

NO. OBS.: 10641

STATION NUMBER: 23174

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.3	1.2	.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	2.0	3.8
NNE	.2	.9	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.4	3.8
NE	.4	1.5	.4	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.1	4.4
ENE	.5	1.8	.7	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.7	4.8
E	.8	3.2	1.8	7.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	10.4	5.6
ESE	.5	2.1	1.2	4.6	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.8	7.0	5.9
SE	.6	2.3	.8	3.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.7	5.2
SSE	.3	1.2	.5	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.2	5.3
S	.4	1.5	.5	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.4	5.0
SSW	.2	.9	.3	1.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.6	2.2	5.9
SW	.4	1.7	.7	2.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.2	4.6	5.5
WSW	.6	2.3	2.3	8.9	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	3.0	11.6	6.4
W	.9	3.7	3.4	13.1	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	17.2	6.3
WNW	.5	1.8	.8	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.0	5.0
NW	.4	1.7	.4	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.3	4.1
NNW	.3	1.0	.2	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	1.9	4.3
CALM	3.4	13.2														3.4	13.2	4.8
TOTAL	10.7	41.8	14.4	56.0	.4	1.4	.1	.5	.0	.2	.0	.0	.0	.0	.0	25.7	100	

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: LAX LOS ANGELES, CA

CLASS 3 / DAY

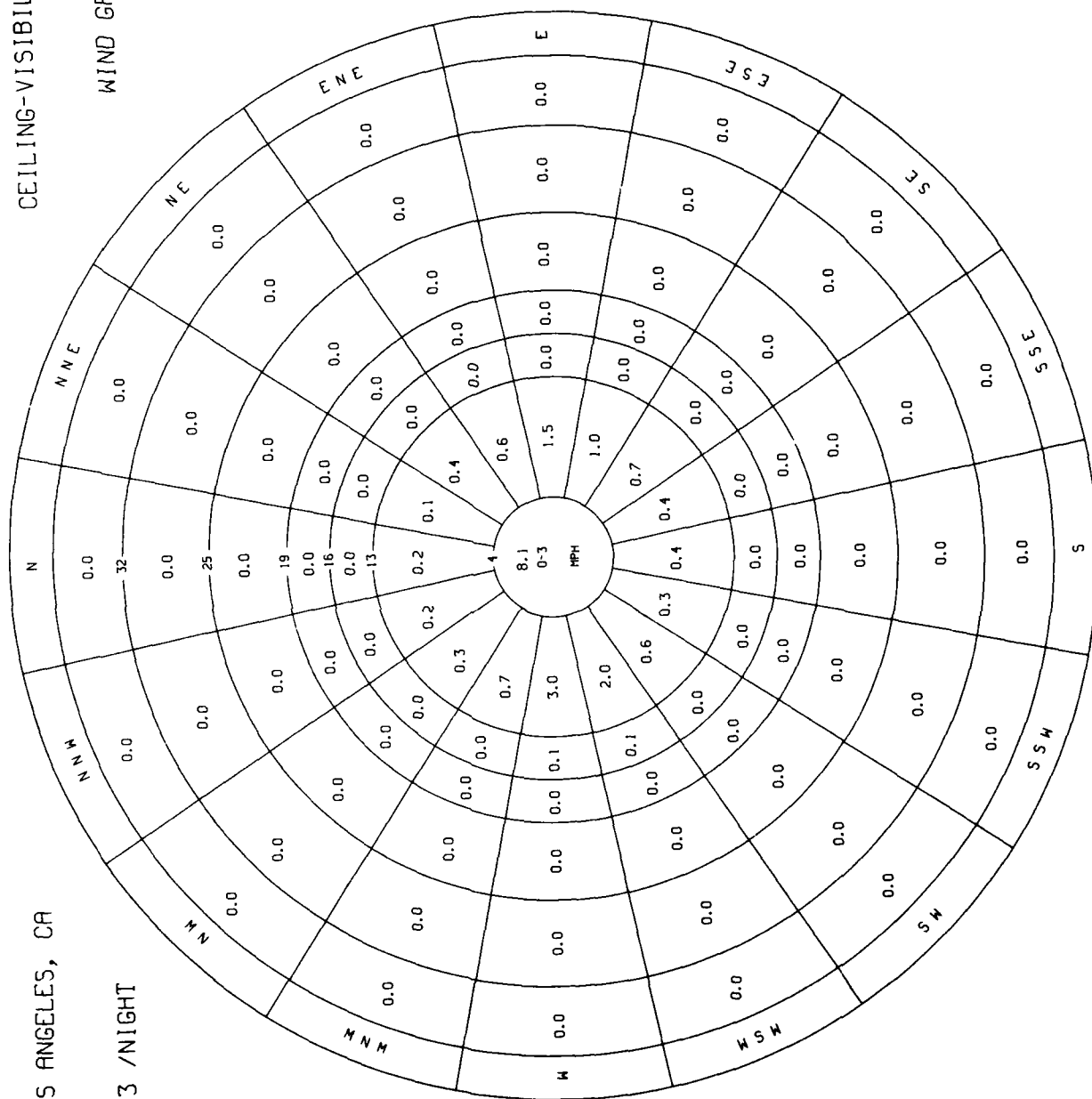
NO. OBS.: 9313

STATION NUMBER: 23174

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D	
N	.1	.5	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.1	4.9
NNE	.1	.5	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.1	4.8
NE	.2	.8	.3	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.3	5.1
ENE	.3	1.5	.5	2.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.3	5.4
E	.4	1.9	1.1	6.0	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.6	8.3	6.3
ESE	.3	1.5	.8	4.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	6.0	6.0
SE	.4	1.9	.7	3.5	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.6	3.2	5.9
SSE	.2	1.0	.4	1.9	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.6	2.9	5.6
S	.2	1.1	.3	1.6	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.4	2.1	6.4
SSW	.1	.7	.2	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.1	7.3
SW	.2	1.1	.9	4.6	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	21.7	9.3
WSW	.3	1.5	3.1	16.6	.6	3.2	.1	.4	.0	.0	.0	.0	.0	.0	.0	4.5	23.9	9.4
W	.3	1.4	3.4	17.7	.8	4.0	.1	.7	.0	.1	.0	.0	.0	.0	.0	.6	3.3	6.8
NNW	.1	.6	.5	2.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.2	5.1
NW	.1	.4	.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	4.2
NNW	.1	.4	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.1	
CALM	1.2	6.1			1.6	8.7	.3	1.5	.1	.4	.0	.1	.0	.0	.0	19.0	100	7.2
TOTAL	4.3	22.9	12.6	66.4														

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: LAX LOS ANGELES, CA

CLASS 3 / NIGHT

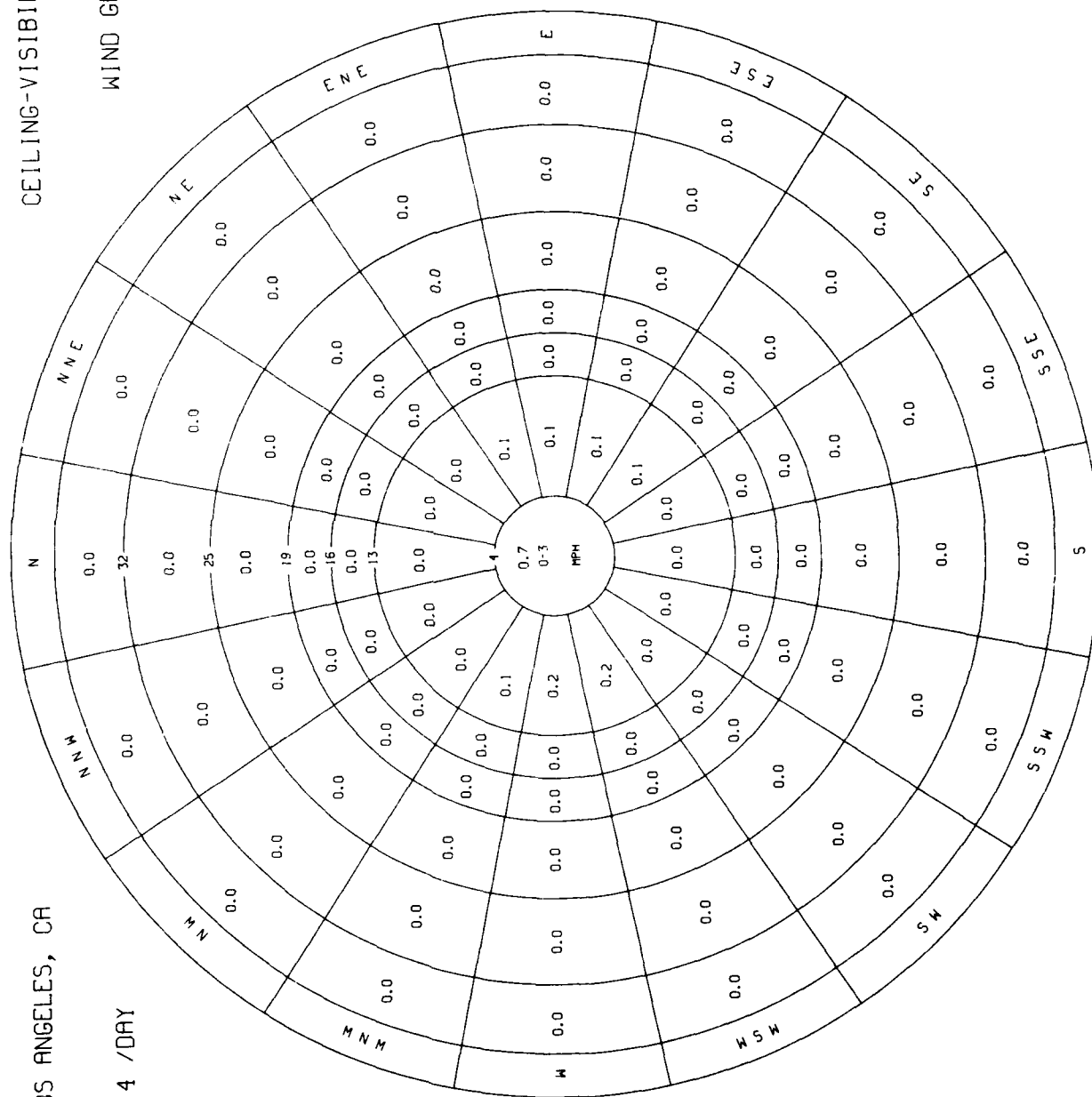
NO. OBS.: 8661

STATION NUMBER: 23174

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.3	1.2	.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.1	3.7
NNE	.1	.7	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.3	4.0
NE	.3	1.4	.4	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	3.1	4.5
ENE	.4	1.7	.6	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.7	5.0
E	.6	2.9	1.5	7.1	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	2.1	10.2	5.8
ESE	.4	1.8	1.0	4.6	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	1.4	6.7	6.2
SE	.4	2.0	.7	3.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.7	5.5
SSE	.2	1.1	.4	2.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.7	3.3	5.6
S	.3	1.4	.4	2.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5	2.3	5.2
SSW	.2	.8	.3	1.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	1.0	4.8	5.6
SW	.4	1.8	.6	2.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	2.6	12.5	6.5
WSW	.5	2.3	2.0	9.7	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	3.8	18.1	6.4
W	.7	3.5	3.0	14.1	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.9	5.2
WNW	.4	1.7	.7	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	3.2	4.2
NW	.3	1.6	.3	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.0	4.4
NNW	.2	1.0	.2	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	11.7	
CALM	2.4	11.7			.3	1.6	.1	.6	.0	.2	.0	.0	.0	.0	20.9	100	5.0
TOTAL	8.1	38.6	12.3	59.0													

LAX LOS ANGELES, CA

CLASS 4 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LAX LOS ANGELES, CA

PERIOD: 1948-1978

CLASS 4 / DAY

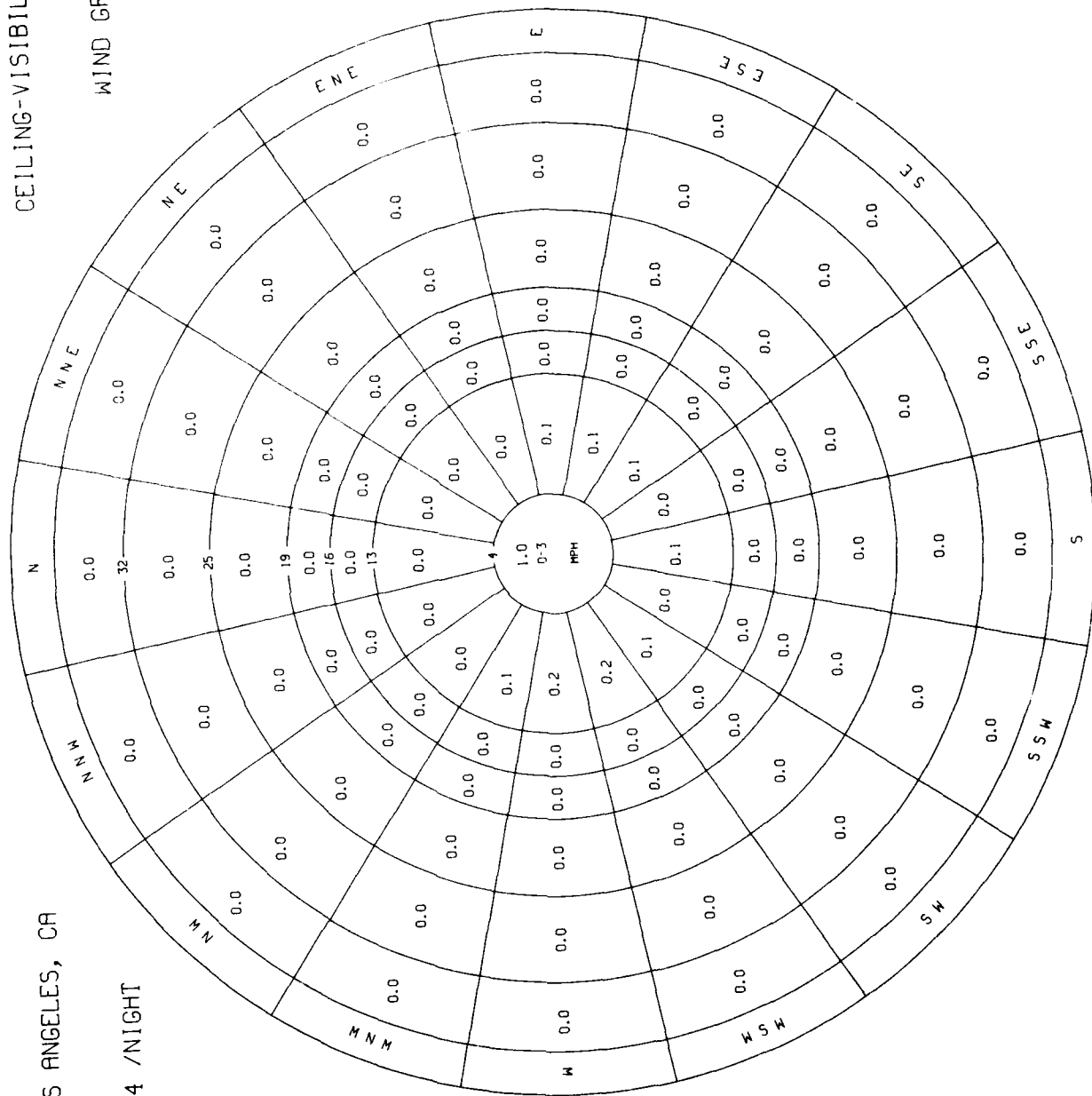
STATION NUMBER: 23174

NO. OBS.: 943

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	1.2	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	3.9
NNE	.0	.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.3
NE	.0	1.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.9	5.5
ENE	.0	1.8	.1	3.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.2	5.2
E	.0	2.3	.1	6.5	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	9.0	5.7
ESE	.0	2.3	.1	6.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	9.1	5.6
SE	.1	4.5	.1	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	9.0	4.6
SSE	.0	1.7	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.9	4.1
S	.0	1.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.0
SSW	.0	1.8	.0	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.9	4.3
SW	.0	1.5	.0	2.2	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.1	3.9	5.3
WSW	.0	1.3	.2	9.7	.0	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	12.0	7.9
W	.0	2.5	.2	12.7	.0	1.4	.0	.4	.0	.0	.0	.1	.0	.0	.3	17.2	8.2
WNW	.0	1.1	.1	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.1	6.0
NW	.0	.6	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.8
NNW	.0	.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.1
CALM	.2	12.9													.2	12.9	
TOTAL	.7	39.0	1.1	57.4	.1	2.7	.0	.7	.0	.1	.0	.1	.0	.0	1.9	100	5.3

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LAX LOS ANGELES, CA

PERIOD: 1948-1978

CLASS 4 / NIGHT

STATION NUMBER: 23174

NO. OBS.: 839

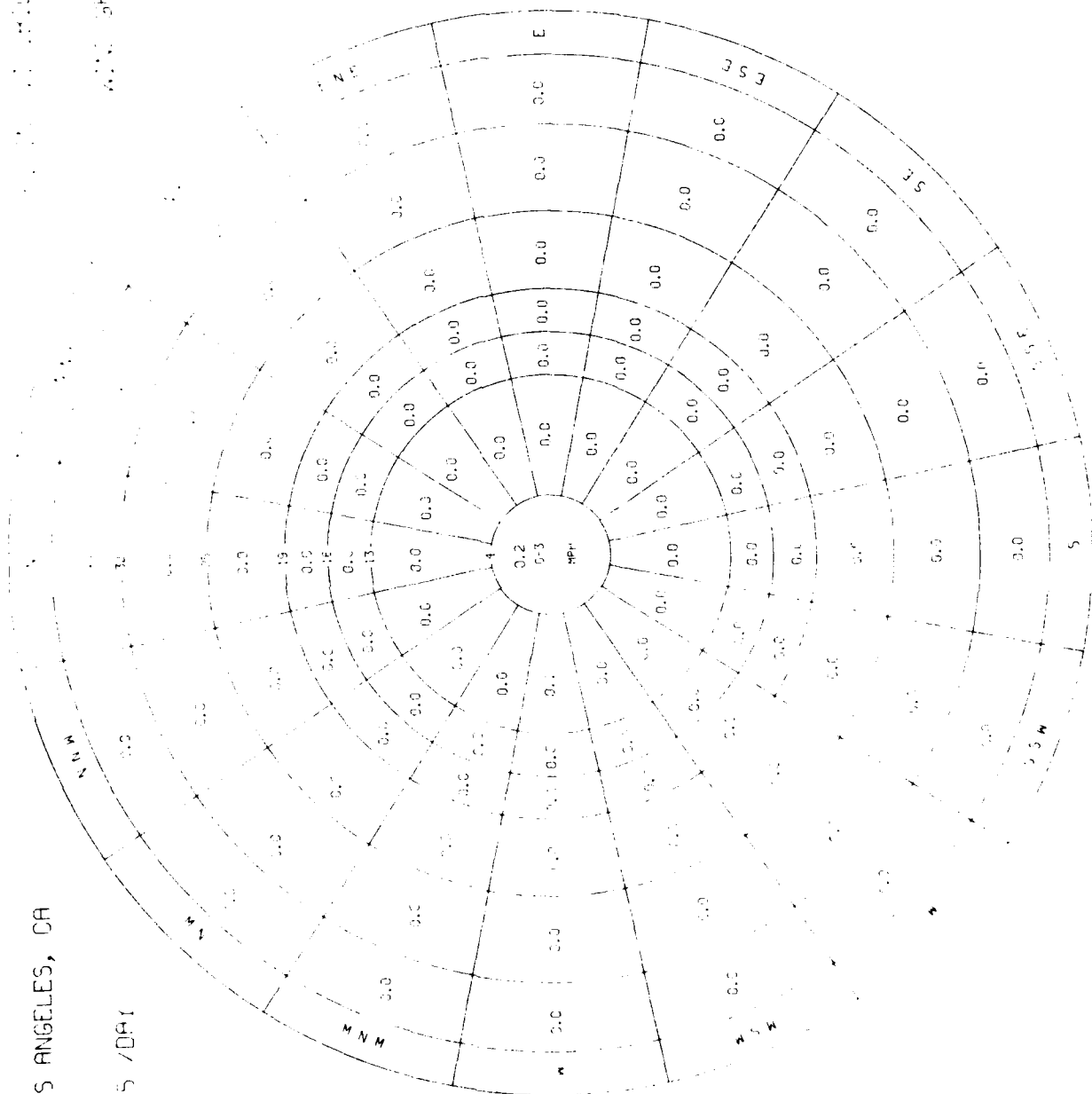
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.7	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
NNE	.0	1.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
NE	.0	1.1	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
ENE	.0	1.7	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2
E	.1	3.6	.1	5.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	3.2
ESE	.0	1.8	.1	5.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	8.8
SE	.1	3.0	.1	2.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	7.5
SSE	.0	1.7	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.7
S	.0	1.9	.1	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.7
SSW	.0	1.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.6
SW	.0	1.9	.1	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
WSW	.0	2.0	.2	8.6	.0	.0	.0	.2	.0	.0	.0	.0	.0	.1	5.5
W	.1	4.6	.2	9.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.2	10.6
WNW	.0	2.1	.1	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	14.8
NW	.0	2.1	.0	1.5	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	5.7
NNW	.0	1.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.7
CALM	.3	17.3												.0	2.1
TOTAL	1.0	49.1	1.0	49.8	.0	.7	.0	.2	.0	.1	.0	.0	.0	.2	100
															4.2

WIND DIRECTION

WIND GRAPH

LAX LOS ANGELES, CA

CLASS 5 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ALBUQUERQUE

PERIOD: 1948-1978

STATION NAME: LA - LOS ANGELES, CA

COURSE: 000°

NO. OBS.: 235

STATION NUMBER: 23174

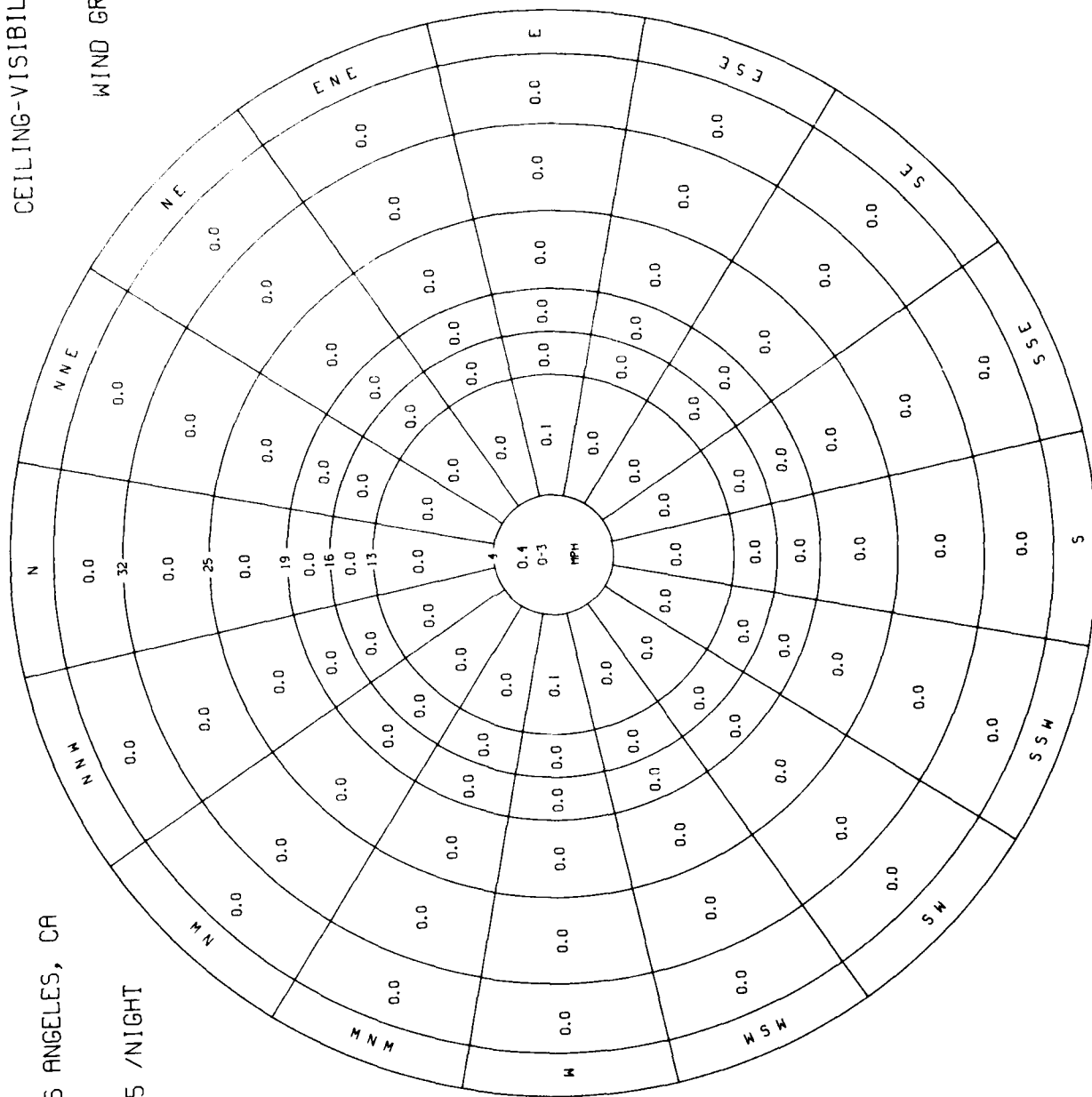
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	0	1.7	0	4	0	0	0	0	0	0	0	0	0	0	0	2.1	3.0
NNE	0	1.3	0	4	0	0	0	0	0	0	0	0	0	0	0	1.7	3.2
NNE	0	1.3	0	4	0	0	0	0	0	0	0	0	0	0	0	4.7	3.9
NNE	0	1.3	0	1.7	0	0	0	0	0	0	0	0	0	0	0	4.7	4.6
ENE	0	2.1	0	2.6	0	0	0	0	0	0	0	0	0	0	0	8.1	4.6
E	0	3.4	0	4.3	0	0	0	0	0	0	0	0	0	0	0	6.4	4.7
ESE	0	2.6	0	3.4	0	0	0	0	0	0	0	0	0	0	0	4.7	4.8
SE	0	2.1	0	2.6	0	0	0	0	0	0	0	0	0	0	0	4.3	3.5
SSE	0	3.4	0	1.3	0	0	0	0	0	0	0	0	0	0	0	9	4.5
S	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	1.7	3.0
SSW	0	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	3.4	5.0
SW	0	1.3	0	2	0	0	0	0	0	0	0	0	0	0	0	11.1	6.7
WSW	0	1.7	0	8.9	0	0	0	0	0	0	0	0	0	0	0	22.6	6.9
W	0	3.4	0	13.1	0	0	0	0	0	0	0	0	0	0	0	6.4	4.5
WNW	0	2.1	0	3.0	0	0	0	0	0	0	0	0	0	0	0	3.4	4.7
NW	0	1.7	0	1.7	0	0	0	0	0	0	0	0	0	0	0	1.3	3.7
NNW	0	1.7	0	4	0	0	0	0	0	0	0	0	0	0	0	12.8	4.6
TOTAL	0	1.7	0	52.3	0	0	0	0	0	0	0	0	0	0	0	5	100

CEILING-VISIBILITY

WIND GRAPH

LAX LOS ANGELES, CA

CLASS 5 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: LAX LOS ANGELES, CA

CLASS 5 / NIGHT

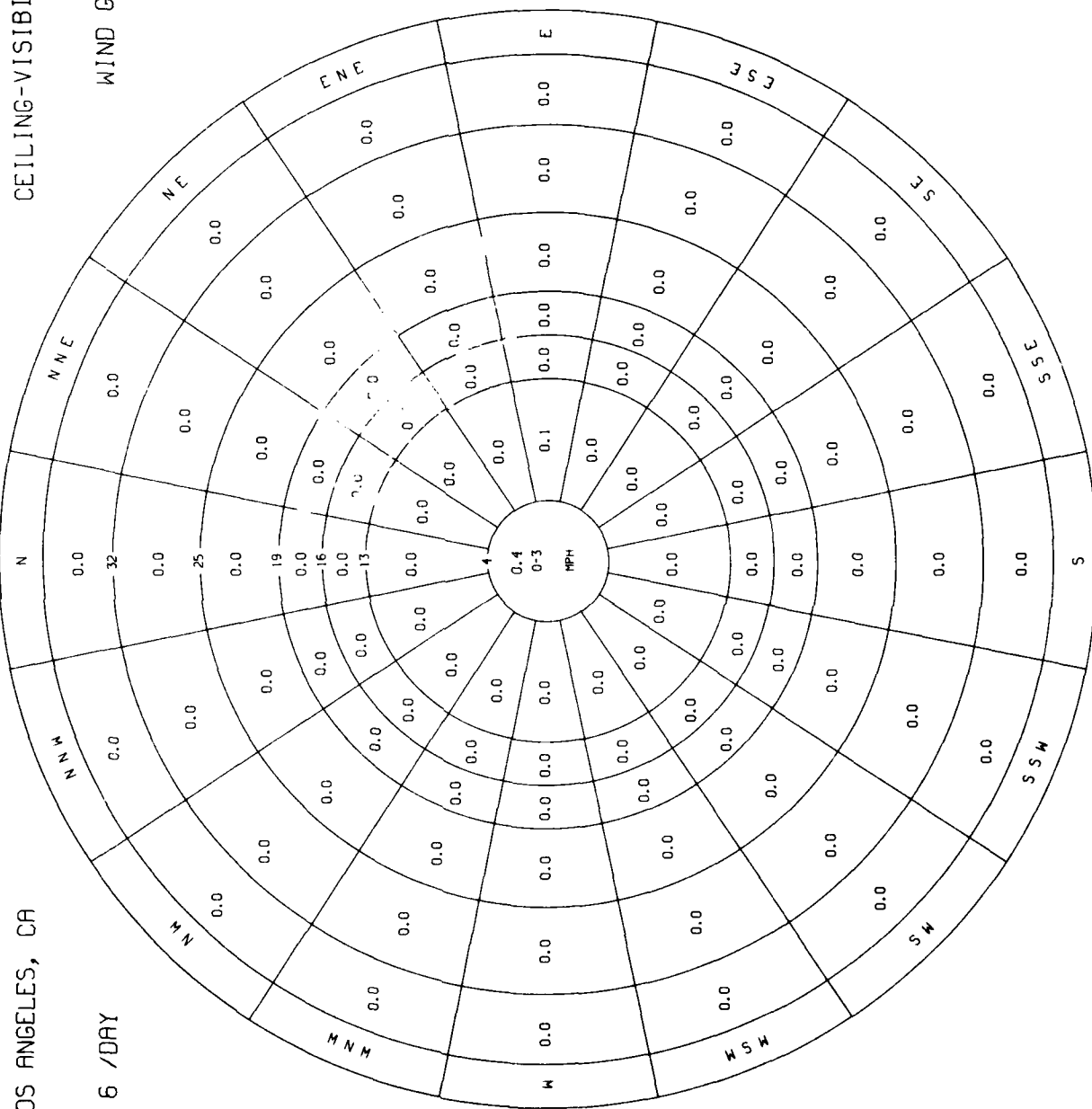
NO. OBS.: 325

STATION NUMBER: 23174

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.8
NNE	.0	.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
NE	.0	2.5	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.4
ENE	.0	2.2	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.5
E	.0	3.7	.1	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1 10.2
ESE	.0	3.4	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.4
SE	.0	1.5	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.0
SSE	.0	1.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.8
S	.0	1.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.2
SSW	.0	1.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.8
SW	.0	2.2	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 8.3
WSW	.0	2.8	.0	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 17.5
W	.1	7.1	.1	10.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.8
WNW	.0	3.1	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.6
NW	.0	3.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
NNW	.0	.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 16.3
CALM	.1	16.3													
TOTAL	.4	55.7	.3	44.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LAX LOS ANGELES, CA

PERIOD: 1948-1978

CLASS 6 / DAY

STATION NUMBER: 23174

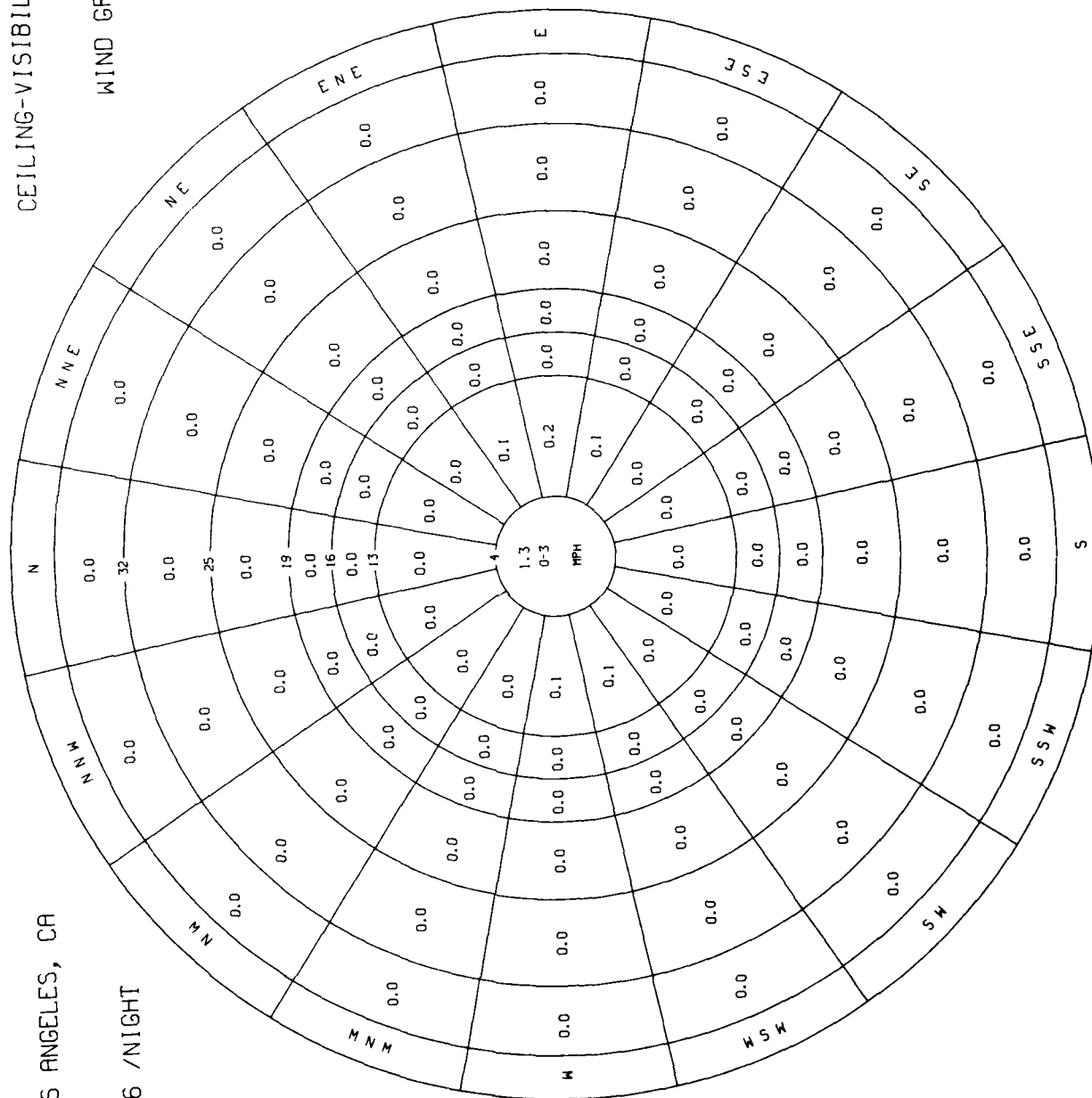
NO. OBS.: 370

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	1.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	3.3
NNE	.0	1.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	2.9
NE	.0	1.6	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	4.6
ENE	.0	3.5	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.3	4.5
E	.1	7.3	.1	10.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	18.4	4.9
ESE	.0	2.4	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.3	5.0
SE	.0	4.3	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.3	3.5
SSE	.0	1.9	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.6
S	.0	.8	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.4
SSW	.0	.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.8
SW	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	2.4
WSW	.0	4.1	.0	3.2	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	7.8	5.5
W	.0	1.1	.0	4.3	.0	.3	.0	.3	.0	.0	.3	.0	.0	.0	.0	.0	5.9	7.1
WNW	.0	1.9	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	4.7
NW	.0	.8	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	4.9
NNW	.0	1.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	3.2
CALM	.1	19.2														.1	19.2	
TOTAL	.4	56.5	.3	42.2	.0	.8	.0	.3	.0	.3	.0	.0	.0	.0	.0	.8	100	3.8

WIND GRAPH

LAX LOS ANGELES, CA

CLASS 6 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: LAX LOS ANGELES, CA

PERIOD: 1948-1978

CLASS 6 / NIGHT

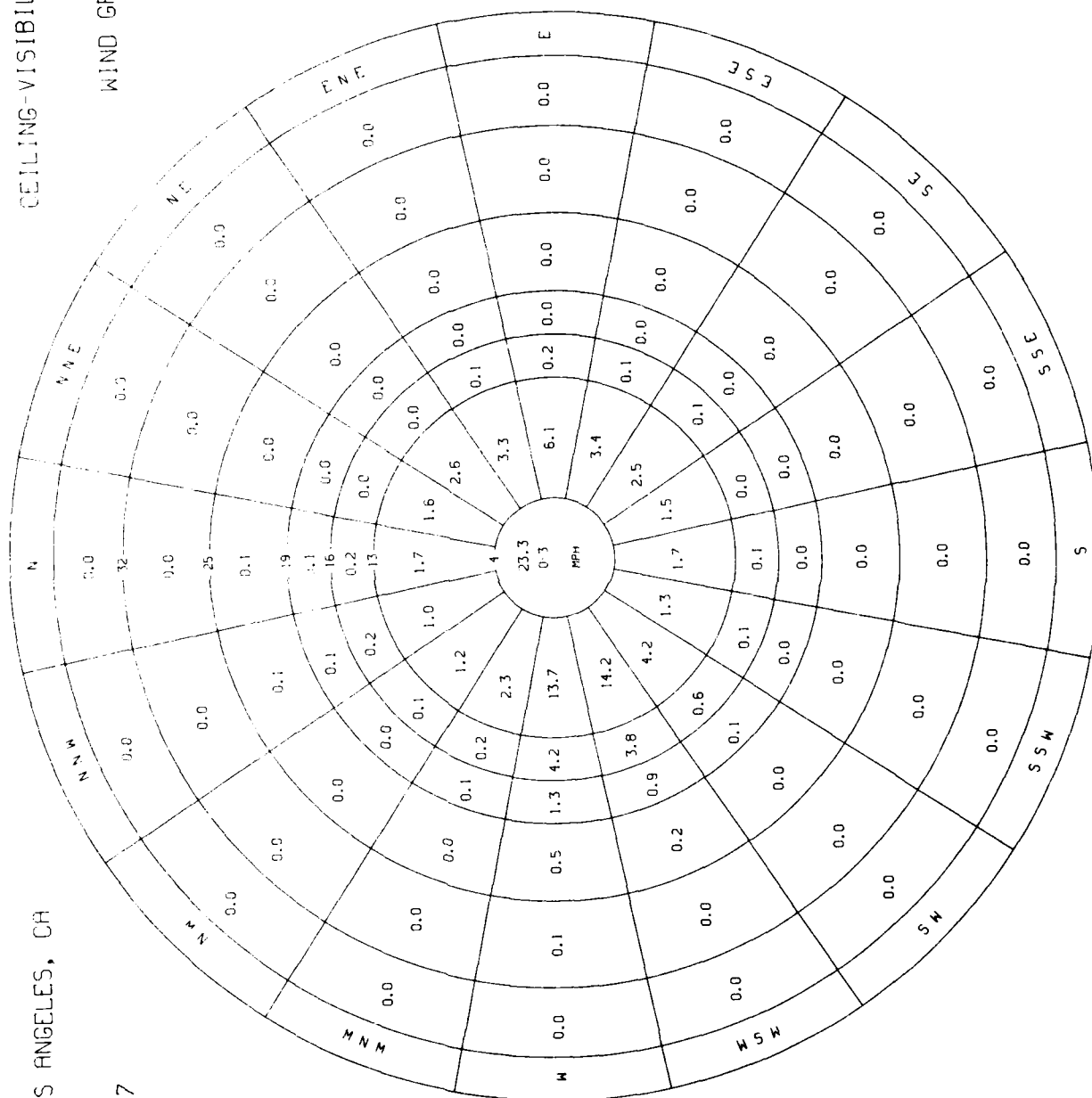
STATION NUMBER: 23174

NO. OBS.: 816

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.1
NNE	.0	2.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.7
NE	.0	2.5	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.7
ENE	.0	2.5	.1	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.5
E	.1	5.8	.2	8.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 14.3
ESE	.1	5.0	.1	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 9.6
SE	.1	4.7	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.9
SSE	.0	2.3	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.8
S	.0	1.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.8
SSW	.0	.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
SW	.0	1.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
WSW	.0	1.5	.1	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.3
W	.1	3.4	.1	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2 9.7
WNW	.0	2.3	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.5
NW	.0	2.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.7
NNW	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
CALM	.5	23.5													.5 23.5
TOTAL	1.3	63.6	7	36.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.0 100
															3.2

LAX LOS ANGELES, CH

CLASS 7

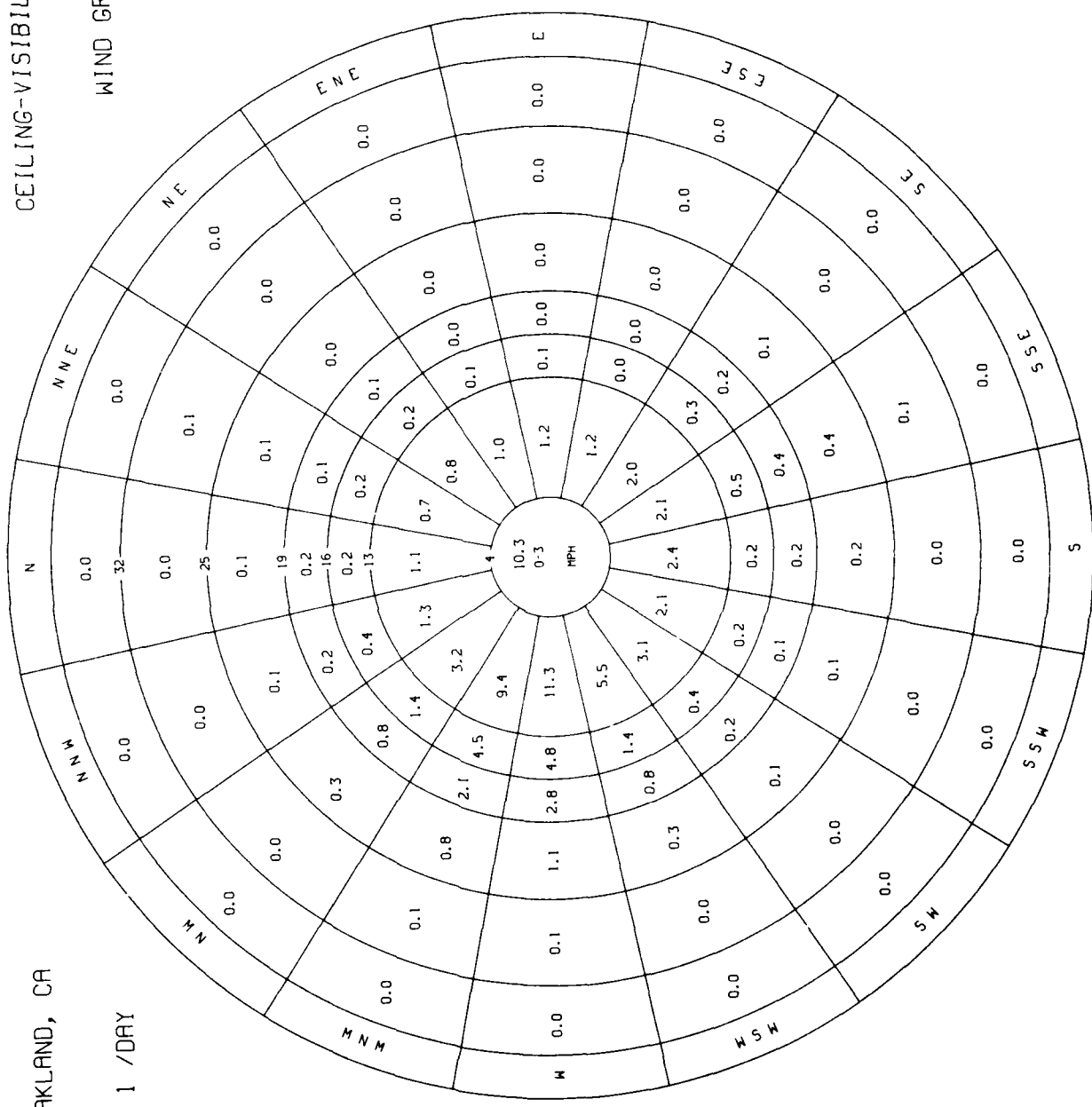


CEILING-VISIBILITY

WIND GRAPH

OAK OAKLAND, CA

CLASS 1 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OAK OAKLAND, CA

CLASS 1 / DAY

NO. OBS.: 42982

STATION NUMBER: 23230

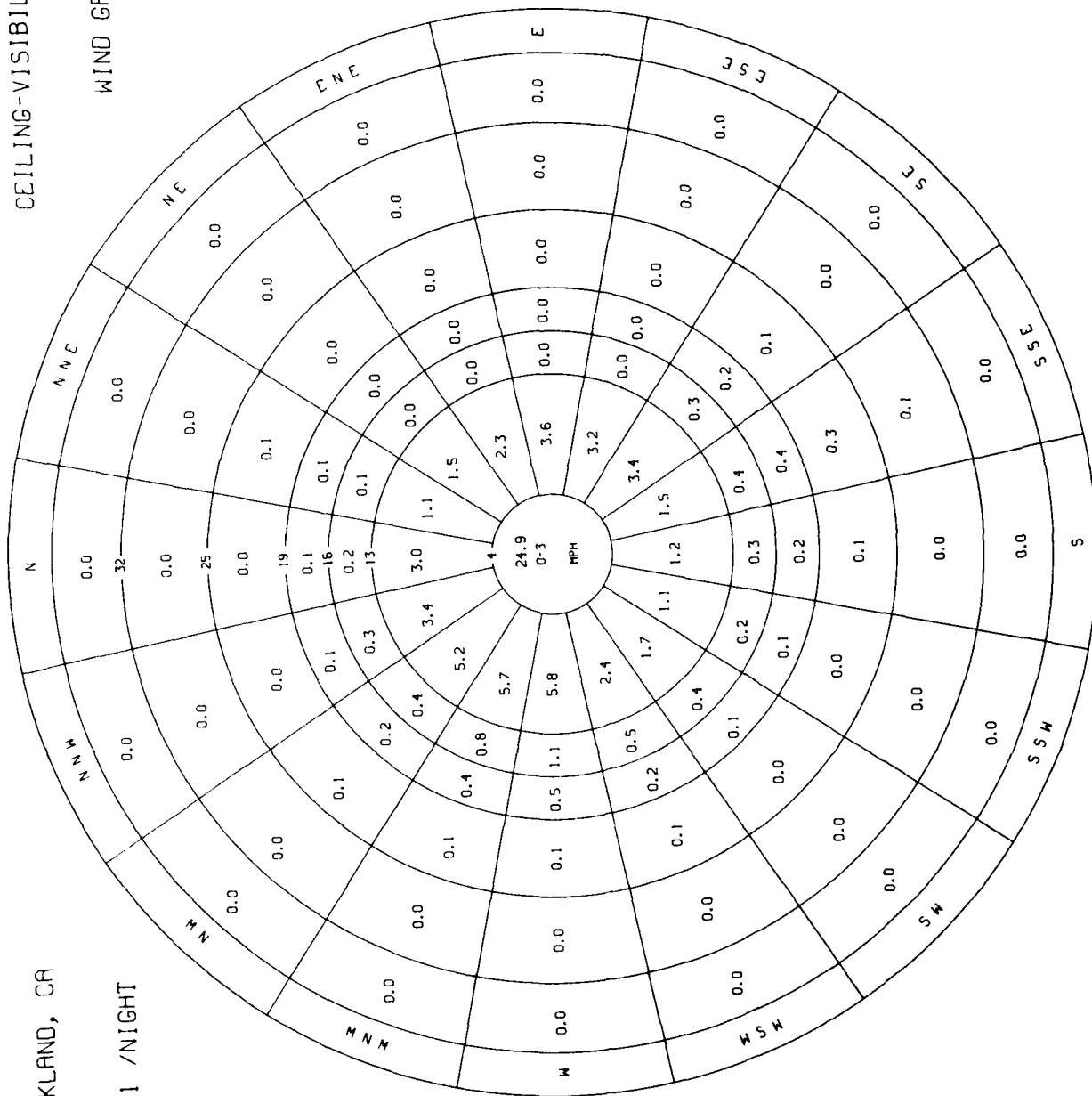
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.2	.2	1.1	1.3	.2	.3	.2	.2	.1	.1	.0	.1	.0	.0	1.9	2.2	10.1
NNE	.2	.2	.7	.8	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	1.3	1.5	10.7
NE	.2	.3	.8	.9	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.3	1.5	9.1
ENE	.3	.3	1.0	1.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.4	1.6	7.6
E	.4	.5	1.2	1.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.7	2.0	6.4
ESE	.3	.3	1.2	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.8	6.4
SE	.4	.4	2.0	2.3	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	3.0	3.4	8.9
SSE	.3	.3	2.1	2.5	.5	.6	.4	.4	.4	.4	.1	.1	.0	.0	3.8	4.4	11.4
S	.4	.5	2.4	2.7	.2	.3	.2	.2	.2	.2	.0	.0	.0	.0	3.4	4.0	8.6
SSW	.4	.5	2.1	2.4	.2	.3	.1	.2	.1	.1	.0	.0	.0	.0	2.9	3.4	8.0
SW	.6	.7	3.1	3.6	.4	.5	.2	.3	.1	.1	.0	.0	.0	.0	4.5	5.2	8.4
WSW	.5	.6	5.5	6.4	1.4	1.6	.8	.9	.3	.3	.0	.0	.0	.0	8.5	9.9	10.1
W	.5	.6	11.3	13.1	4.8	5.6	2.4	3.2	1.1	1.3	.1	.1	.0	.0	20.6	23.9	11.7
WNW	.3	.4	9.4	10.9	4.5	5.2	2.1	2.4	.8	.9	.1	.1	.0	.0	17.2	20.0	11.9
NW	.3	.4	3.2	3.7	1.4	1.6	.8	1.0	.3	.3	.0	.0	.0	.0	6.0	7.0	11.3
NNW	.2	.2	1.3	1.5	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	2.2	2.5	9.9
CALM	4.8	5.6													4.8	5.6	
TOTAL	10.3	11.9	48.4	56.2	14.9	17.4	8.2	9.5	3.6	4.2	.6	.7	.0	.1	86.0	100	10.0

CEILING-VISIBILITY

WIND GRAPH

OAK OAKLAND, CA

CLASS 1 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OAK OAKLAND, CA

CLASS 1 / NIGHT

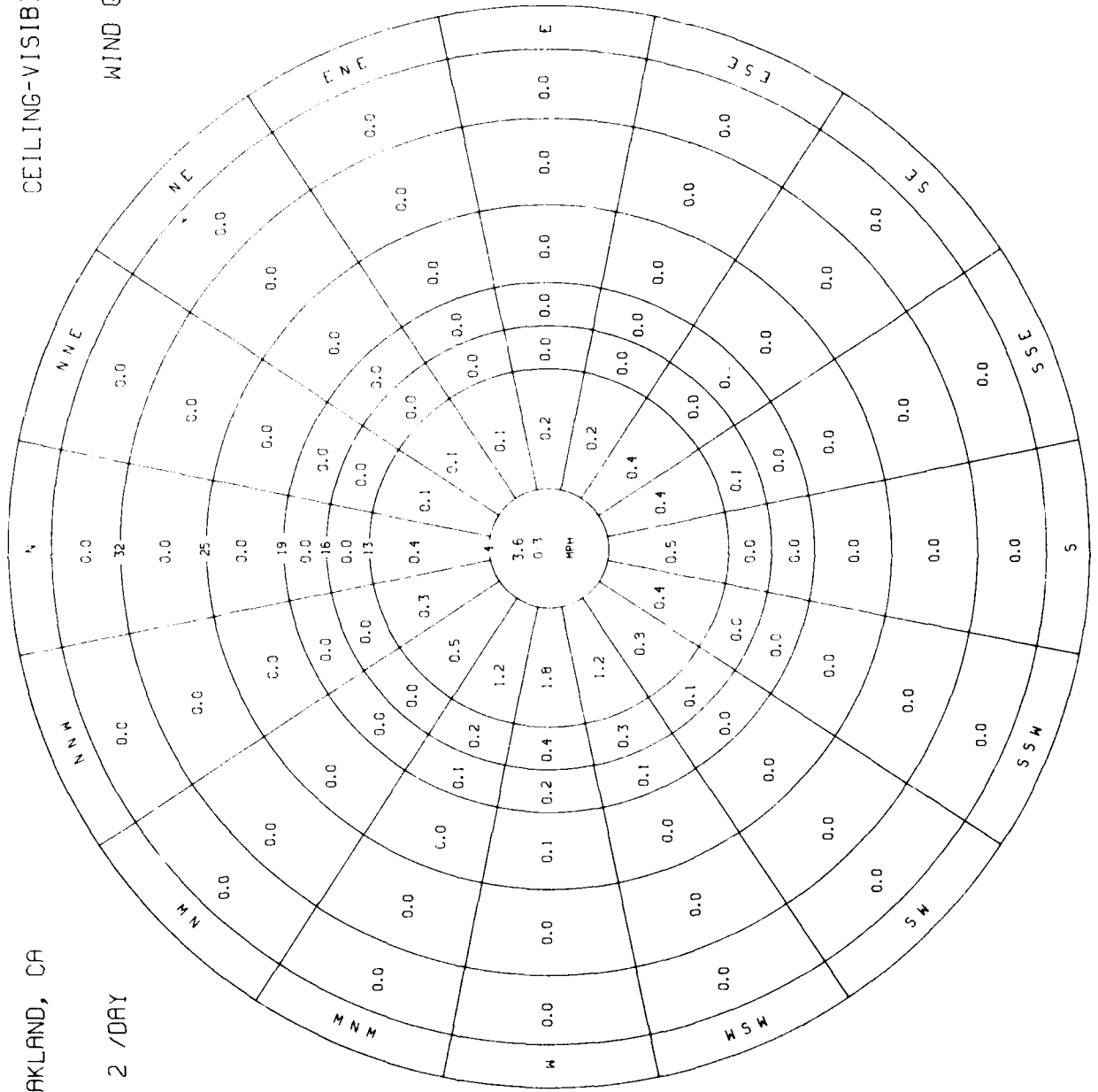
NO. OBS.: 32416

STATION NUMBER: 23230

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C	D	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.8	1.0	3.0	3.7	.2	.3	.1	.1	.0	.1	.0	.0	.0	.0	4.1	5.2	7.0
NNE	.7	.9	1.1	1.3	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	2.0	2.5	6.6
NE	.9	1.1	1.5	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.5	3.1	5.6
ENE	1.2	1.5	2.3	2.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.5	4.4	5.3
E	1.4	1.8	3.6	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	6.3	5.4
ESE	1.0	1.3	3.2	4.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.3	5.8
SE	.7	.9	3.4	4.2	.3	.4	.2	.2	.1	.2	.0	.0	.0	.0	4.7	5.9	8.0
SSE	.3	.3	1.5	1.8	.4	.5	.4	.4	.3	.4	.1	.1	.0	.0	2.9	3.7	11.7
S	.2	.3	1.2	1.5	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	2.1	2.6	10.2
SSW	.2	.2	1.1	1.3	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	1.6	2.0	9.3
SW	.2	.3	1.7	2.1	.4	.4	.1	.2	.0	.1	.0	.0	.0	.0	2.4	3.1	9.3
WSW	.2	.3	2.4	3.0	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	3.4	4.3	9.7
W	.7	.8	5.8	7.3	1.1	1.4	.5	.6	.1	.2	.0	.0	.0	.0	8.2	10.3	9.4
WNW	.7	.9	5.7	7.2	.8	1.0	.4	.5	.1	.1	.0	.0	.0	.0	7.8	9.7	8.8
NW	.8	1.0	5.2	6.5	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	6.6	8.3	7.8
NNW	.6	.8	3.4	4.2	.3	.4	.1	.2	.0	.1	.0	.0	.0	.0	4.5	5.7	7.6
CALM	14.2	17.8													14.2	17.8	
TOTAL	24.9	31.1	45.9	57.3	5.2	6.5	2.6	3.2	1.2	1.5	.3	.3	.0	.0	80.1	100	6.5

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OAK OAKLAND, CA

CLASS 2 / DAY

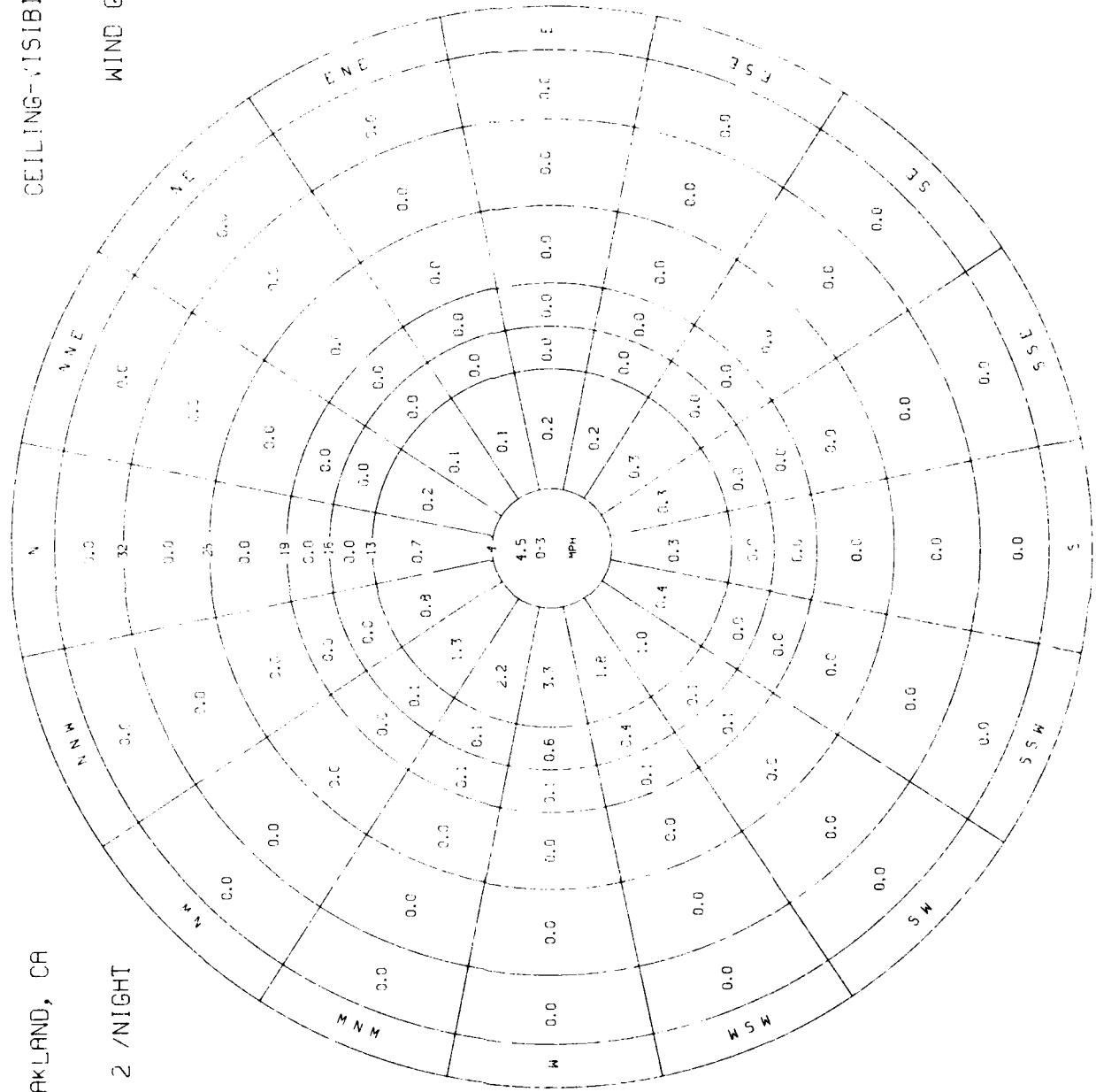
NO. OBS.: 6985

STATION NUMBER: 23230

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	.7	.4	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.3	5.7
NNE	.1	.4	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	4.9
NE	.1	.5	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.1	4.5
ENE	.1	.5	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.3	5.0
E	.1	.4	.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.5	5.6
ESE	.1	.4	.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.6	5.6
SE	.1	.9	.4	2.8	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.5	3.9	6.8
SSE	.1	.6	.4	2.6	.1	.4	.0	.3	.0	.2	.0	.1	.0	.0	.6	4.2	9.5
S	.1	.9	.5	3.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.7	4.7	7.0
SSW	.1	1.0	.4	2.8	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.6	4.2	7.3
SW	.2	1.3	.8	5.4	.1	.8	.0	.2	.0	.1	.0	.0	.0	.0	1.1	7.7	7.9
WSW	.2	1.1	1.2	8.6	.3	2.1	.1	.8	.0	.2	.0	.0	.0	.0	1.8	12.8	9.3
W	.3	1.9	1.8	13.1	.4	3.2	.2	1.6	.1	.4	.0	.0	.0	.0	2.8	20.2	9.6
WNW	.2	1.1	1.2	8.8	.2	1.5	.1	.6	.0	.1	.0	.0	.0	.0	1.7	12.1	8.8
NW	.1	.9	.5	3.9	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.7	5.2	7.2
NNW	.1	.7	.3	2.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.0	5.8
CALM	1.7	12.2													1.7	12.2	
TOTAL	3.6	25.4	8.4	60.4	1.2	8.9	.6	3.9	.2	1.1	.0	.3	.0	.0	14.0	100	7.2

CEILING-VISIBILITY

WIND GRAPH



OAK OAKLAND, CA

CLASS 2 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OAK OAKLAND, CA

CLASS 2 / NIGHT

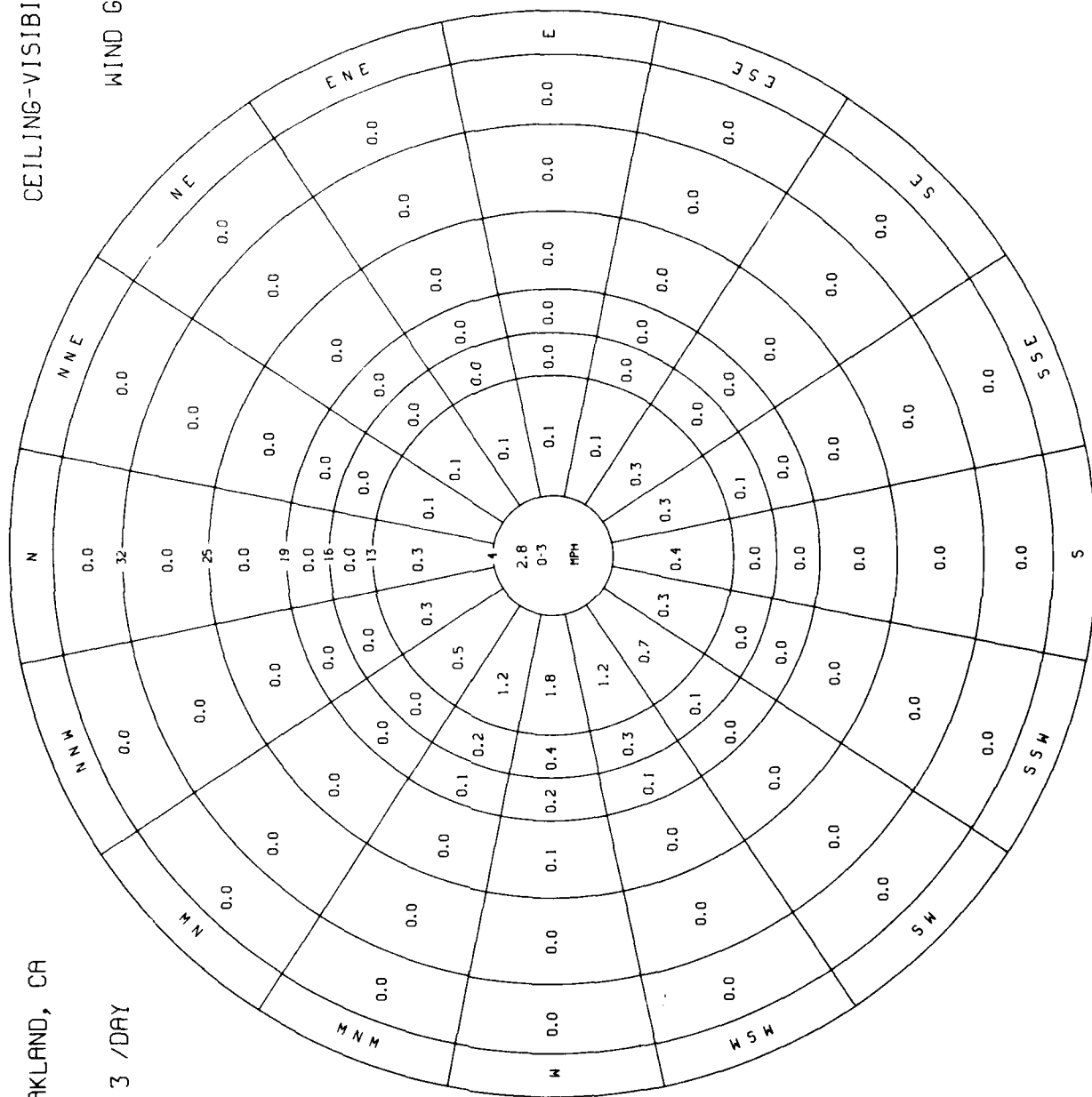
NO. OBS.: 8068

STATION NUMBER: 23230

D I R	SPEED GROUPS (MPH)																					AVG WIND SPEED			
	0-3			4-12			13-15			16-18			19-24			25-31			32+				TOTAL		
	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C		D		
N	.2	.9		.7	3.6		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.9	4.5	6.2	
NNE	.1	.5		.2	.9		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.3	1.4	4.9	
NENE	.1	.4		.1	.5		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.2	.9	5.0	
ENE	.1	.4		.1	.7		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.2	1.1	5.3	
E	.1	.3		.2	.9		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.3	1.3	5.2	
ESE	.1	.6		.2	1.0		.0	.0		.0	.0		.0	.0		.0	.0		.0	.0		.3	1.6	5.1	
SE	.1	.7		.3	1.6		.0	.1		.0	.0		.0	.0		.0	.0		.0	.0		.5	2.5	6.5	
SSE	.1	.4		.3	1.7		.0	.2		.0	.1		.0	.1		.0	.0		.0	.0		.5	2.6	8.5	
S	.1	.3		.3	1.4		.0	.2		.0	.1		.0	.0		.0	.0		.0	.0		.4	2.0	8.0	
SSW	.1	.5		.4	2.1		.0	.2		.0	.1		.0	.0		.0	.0		.0	.0		.6	3.0	8.2	
SW	.1	.6		1.0	5.1		.1	.7		.1	.4		.0	.0		.0	.0		.0	.0		1.4	6.8	9.0	
WSW	.1	.7		1.8	9.2		.4	1.8		.1	.6		.1	.1		.0	.0		.0	.0		2.5	12.4	9.6	
W	.3	1.4		3.3	16.7		.6	2.3		.1	.7		.0	.2		.0	.0		.0	.0		4.3	21.8	9.2	
WNW	.3	1.5		2.2	11.3		.1	.6		.1	.3		.0	.0		.0	.0		.0	.0		2.7	13.7	7.8	
NW	.2	.2		1.3	6.4		.1	.3		.0	.1		.0	.0		.0	.0		.0	.0		1.6	8.1	7.3	
NNW	.1	.7		.5	2.9		.0	.1		.0	.0		.0	.0		.0	.0		.0	.0		1.0	4.8	6.8	
CP	.3	1.3		2.3	6.7		1.1	1.1		.5	2.5		.1	.6		.0	.1		.0	.0		2.3	11.3		
TOTAL	.5	2.5		2.3	6.7		1.1	1.1		.5	2.5		.1	.6		.0	.1		.0	.0		19.9	100	7.2	

CEILING-VISIBILITY

WIND GRAPH



OAK OAKLAND, CA

CLASS 3 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OAK OAKLAND, CA

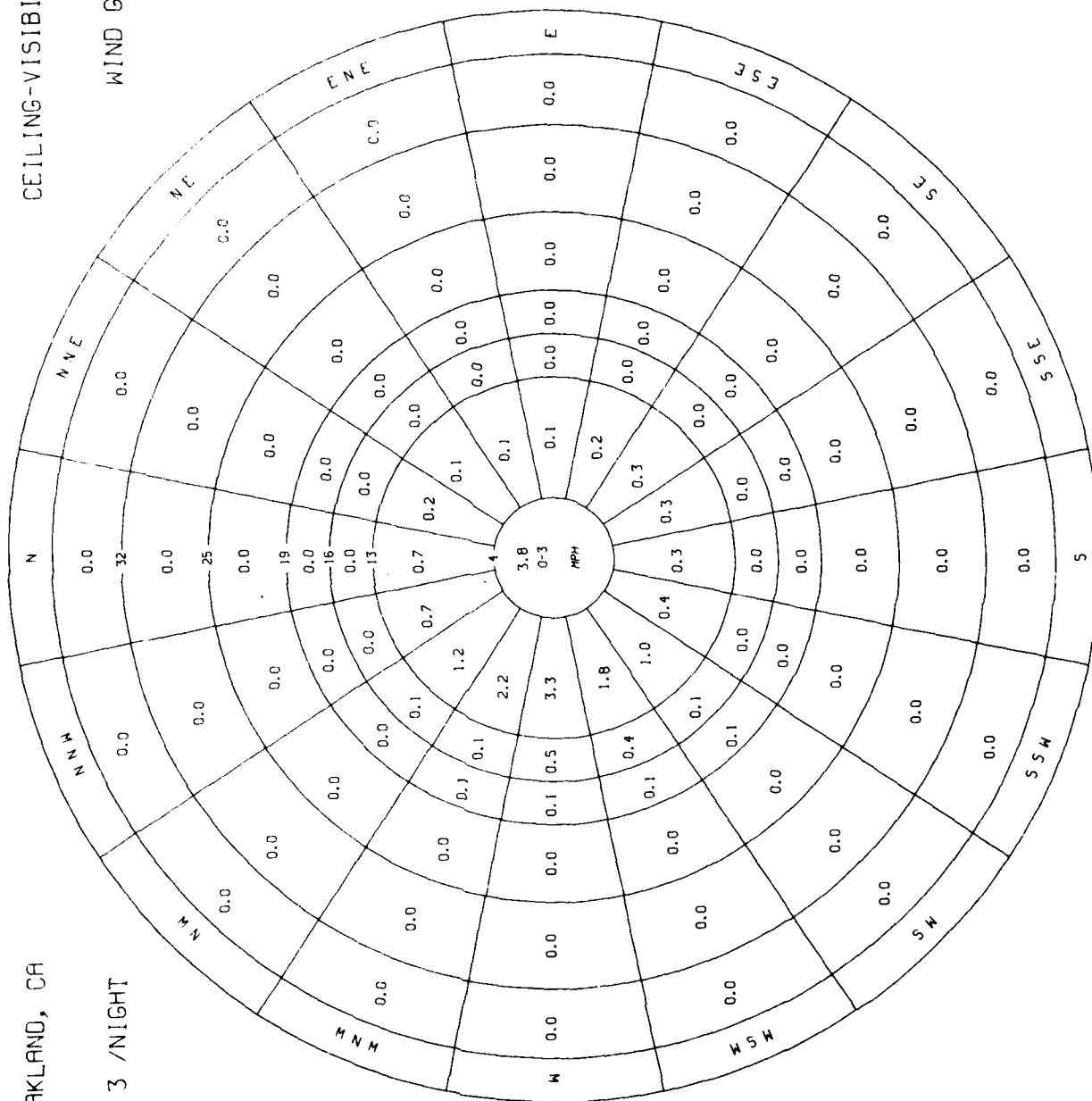
CLASS 3 / DAY

NO. OBS.: 6330

STATION NUMBER: 23230

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D	
N	.1	.7	.3	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.2	5.7
NNE	.0	.3	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	5.3
NE	.1	.4	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	4.6
ENE	.0	.4	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	5.4
E	.0	.3	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.4	5.8
ESE	.0	.3	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.3	5.9
SE	.1	.7	.3	2.7	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	3.6	7.2
SSE	.1	.5	.3	2.5	.1	.4	.0	.3	.0	.2	.0	.2	.0	.0	.0	.5	4.1	10.0
S	.1	.8	.4	3.3	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.6	4.6	7.2
SSW	.1	1.0	.3	2.7	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.5	4.3	7.5
SW	.2	1.3	.7	5.7	.1	.9	.0	.2	.0	.1	.0	.0	.0	.0	.0	1.0	8.1	8.0
WSW	.1	1.1	1.2	9.2	.3	2.3	.1	.9	.0	.2	.0	.0	.0	.0	.0	1.7	13.7	9.5
W	.2	1.9	1.8	14.1	.4	3.5	.2	1.8	.1	.4	.0	.0	.0	.0	.0	2.8	21.8	9.7
WNW	.1	1.2	1.2	9.4	.2	1.6	.1	.7	.0	.1	.0	.0	.0	.0	.0	1.6	12.9	8.9
NW	.1	.7	.5	4.1	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.7	5.3	7.5
NNW	.1	.7	.3	2.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.0	5.9
CALM	1.2	9.8														1.2	9.8	
TOTAL	2.8	22.0	7.9	62.3	1.2	9.8	.6	4.3	.2	1.2	.0	.3	.0	.0	.0	12.7	100	7.6

OAK OAKLAND, CA
 CLASS 3 /NIGHT
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: OAK OAKLAND, CA

PERIOD: 1948-1978

CLASS 3 / NIGHT

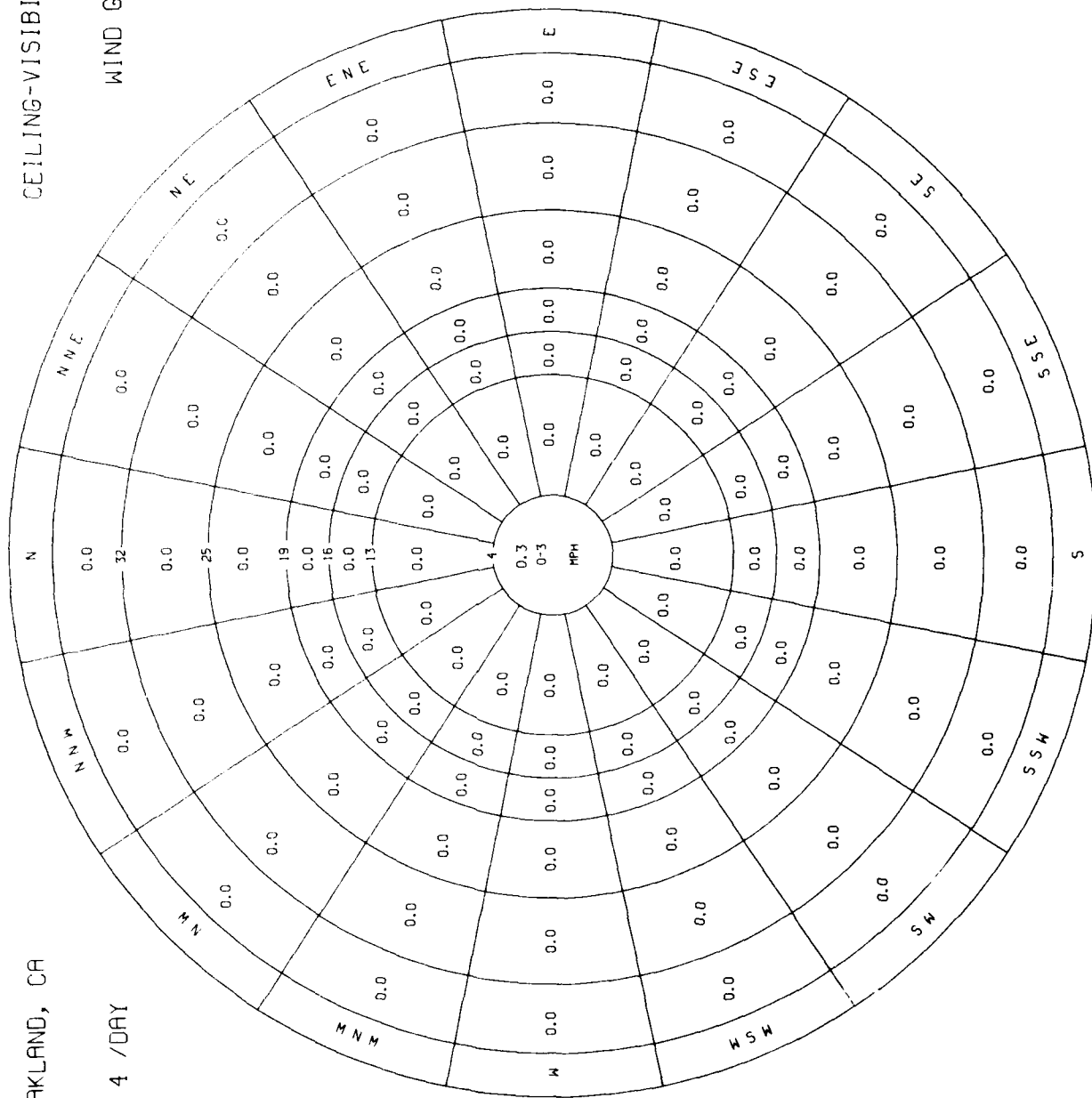
STATION NUMBER: 23230

NO. OBS.: 7587

D I R	SPEED GROUPS (MPH)																					AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL									
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D								
N	.1	.8	.7	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.4	6.3
NNE	.1	.5	.2	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.3	5.0
NNE	.1	.3	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	5.2
ENE	.1	.3	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.0	5.6
E	.1	.3	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.1	5.3
ESE	.1	.5	.2	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.4	5.3
SE	.1	.6	.3	1.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.3	6.8
SSE	.1	.4	.3	1.6	.0	.2	.0	.1	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	2.5	8.7
S	.1	.3	.3	1.4	.0	.2	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.0	8.2
SSW	.1	.5	.4	2.3	.0	.3	.0	.2	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.2	8.3
SW	.1	.6	1.0	5.3	.1	.8	.1	.4	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.3	7.1	9.0
WSW	.1	.7	1.8	9.8	.4	1.9	.1	.7	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.5	13.1	9.6
W	.3	1.4	3.3	17.7	.5	2.9	.1	.8	.0	.3	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	4.3	23.0	9.3
WNW	.3	1.5	2.2	11.7	.1	.7	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	14.2	7.9
NW	.2	1.2	1.2	6.5	.1	.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	8.1	7.4
NNW	.1	.7	.7	3.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.7	6.9
CALM	1.8	9.6																				1.8	9.6	
TOTAL	3.8	20.2	12.9	68.9	1.4	7.6	.5	2.7	.1	.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	18.7	100	7.4

CEILING-VISIBILITY

WIND GRAPH



OAK OAKLAND, CA

CLASS 4 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OAK OAKLAND, CA

CLASS 4 / DAY

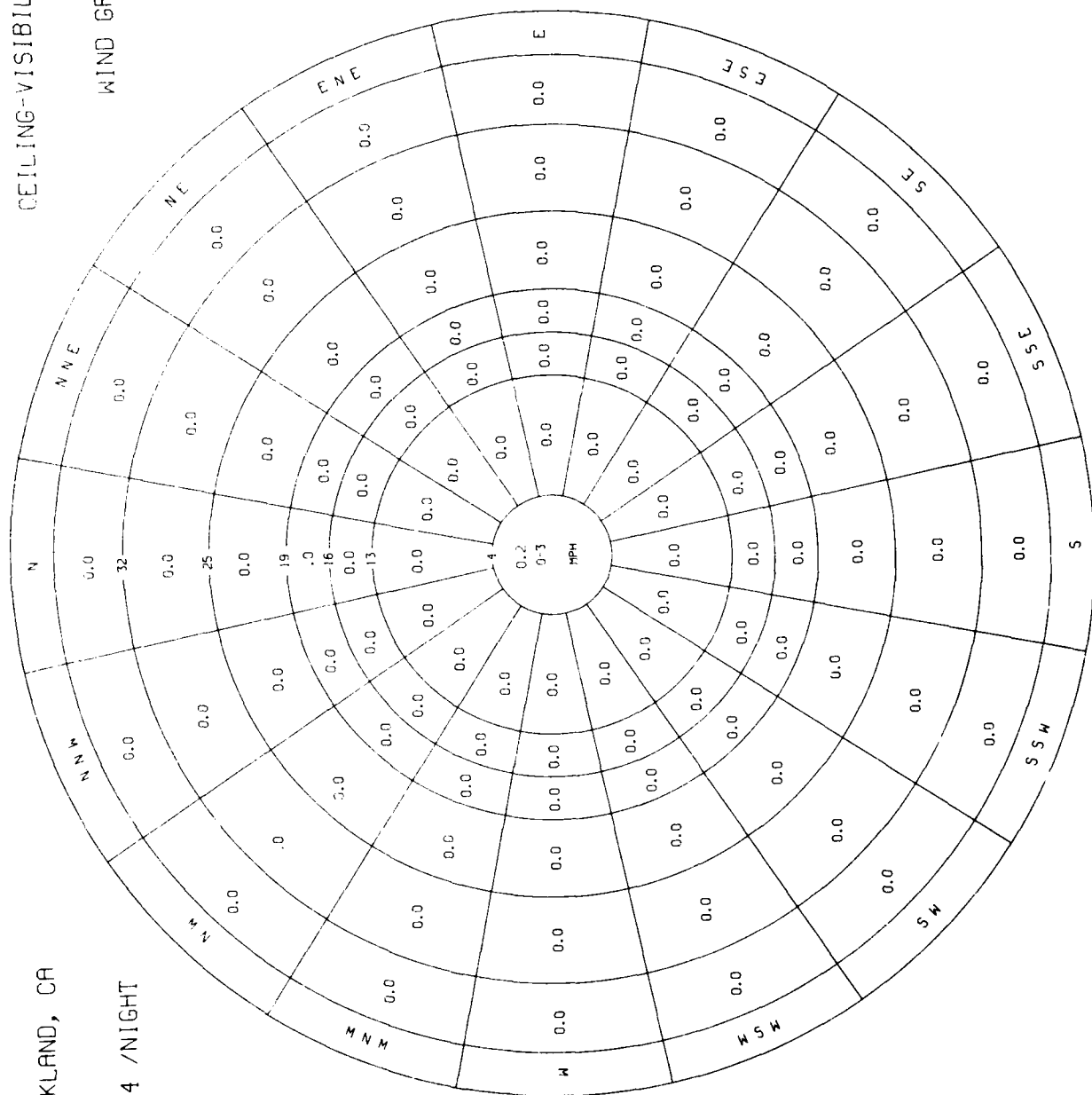
NO. OBS.: 249

STATION NUMBER: 23230

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.4	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.2
NNE	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.4
NE	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.4
ENE	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
E	.0	.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
ESE	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.4
SE	.0	2.8	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.2
SSE	.0	1.6	.0	4.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.0
S	.0	1.6	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.0
SSW	.0	.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.0
SW	.0	2.8	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.2
WSW	.0	2.4	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.4
W	.0	1.6	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.0
WNW	.0	1.2	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.4
NW	.0	2.0	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.8
NNW	.0	1.2	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.2
CALM	.1	28.9													.1 28.9
TOTAL	.3	51.4	.2	48.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.5 100
															3.9

CEILING-VISIBILITY

WIND GRAPH

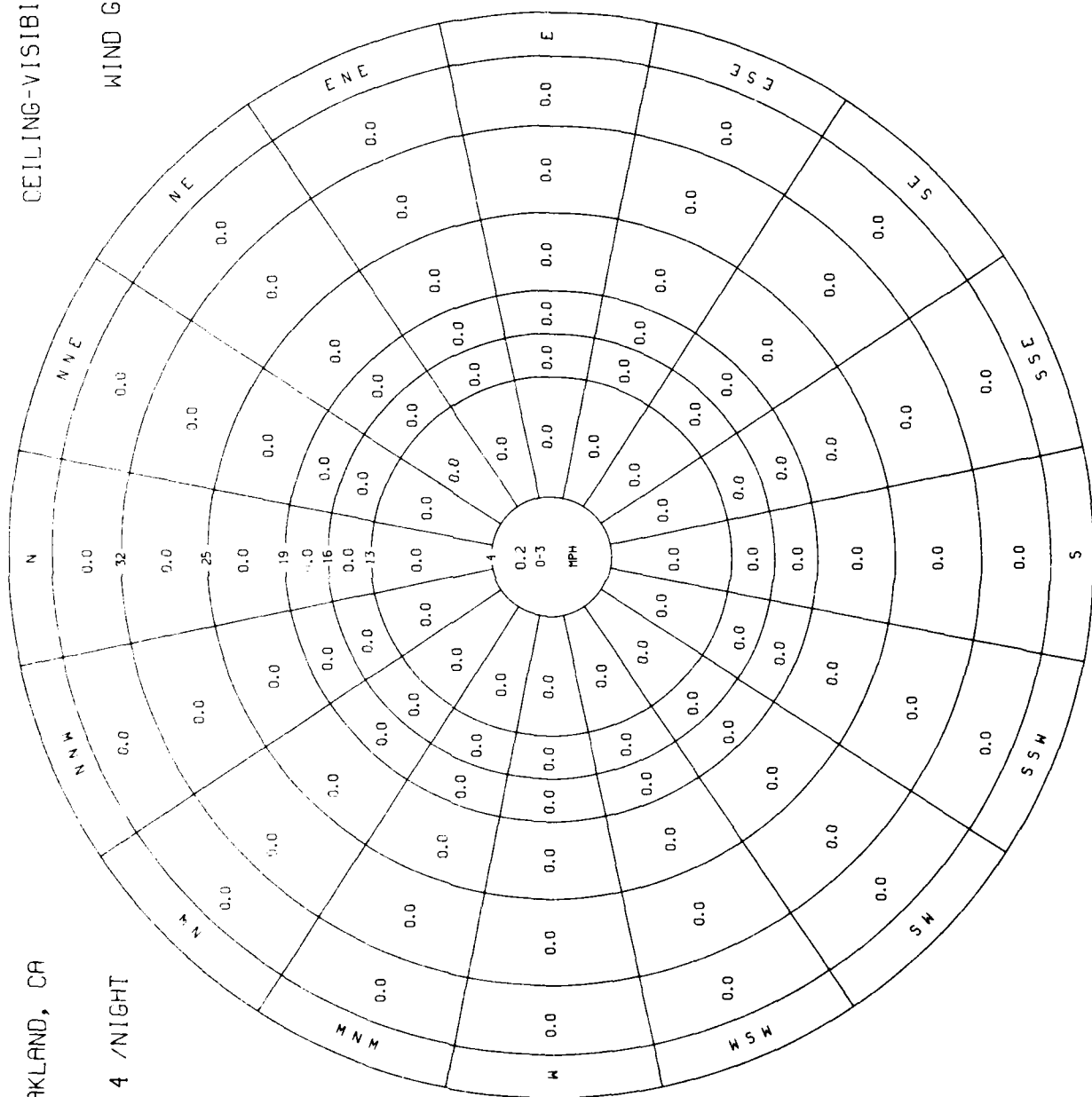


OAK OAKLAND, CA

CLASS 4 / NIGHT

CEILING-VISIBILITY

WIND GRAPH



OAK OAKLAND, CA

CLASS 4 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OAK OAKLAND, CA

CLASS 4 / NIGHT

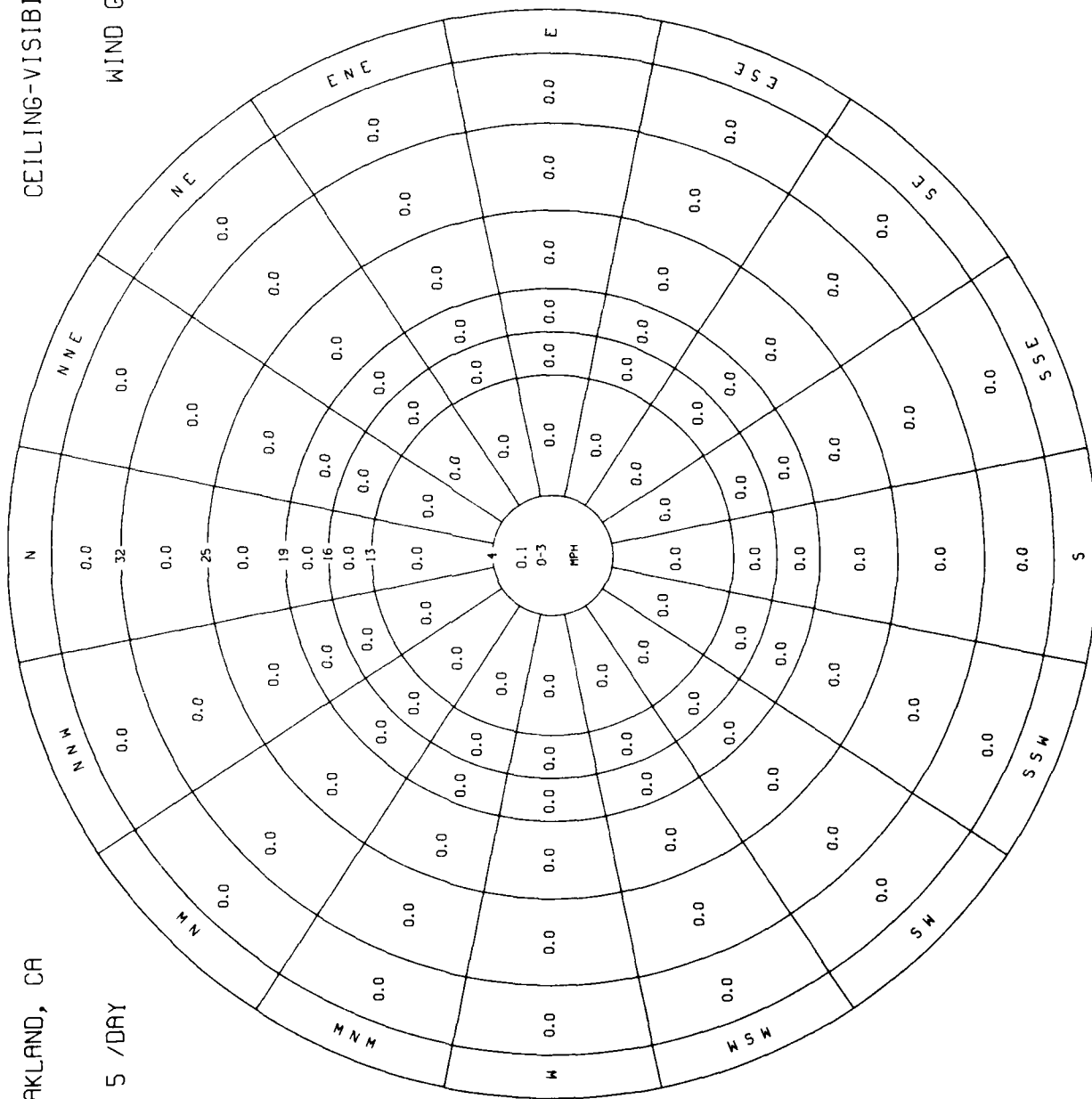
NO. OBS.: 193

STATION NUMBER: 23230

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	3.6	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.8	4.8
NNE	.0	1.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.2
NE	.0	1.6	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.0
ENE	.0	2.1	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.1
E	.0	1.6	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	5.1
ESE	.0	1.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	4.9
SE	.0	2.1	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	7.5
SSE	.0	.5	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.0
S	.0	1.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.0
SSW	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	7.3
SW	.0	.0	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.7
WSW	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	8.0
W	.0	1.0	.0	2.6	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.8	6.3
WNW	.0	2.6	.0	6.7	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.8	6.3
NW	.0	2.1	.0	7.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	7.1
NNW	.0	1.0	.0	5.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	23.8	4.4
CALM	.1	23.8													.5	100	
TOTAL	.2	46.6	.2	51.8	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.5		

329

OAK OAKLAND, CA
 CLASS 5 /DAY
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OAK OAKLAND, CA

CLASS 5 / DAY

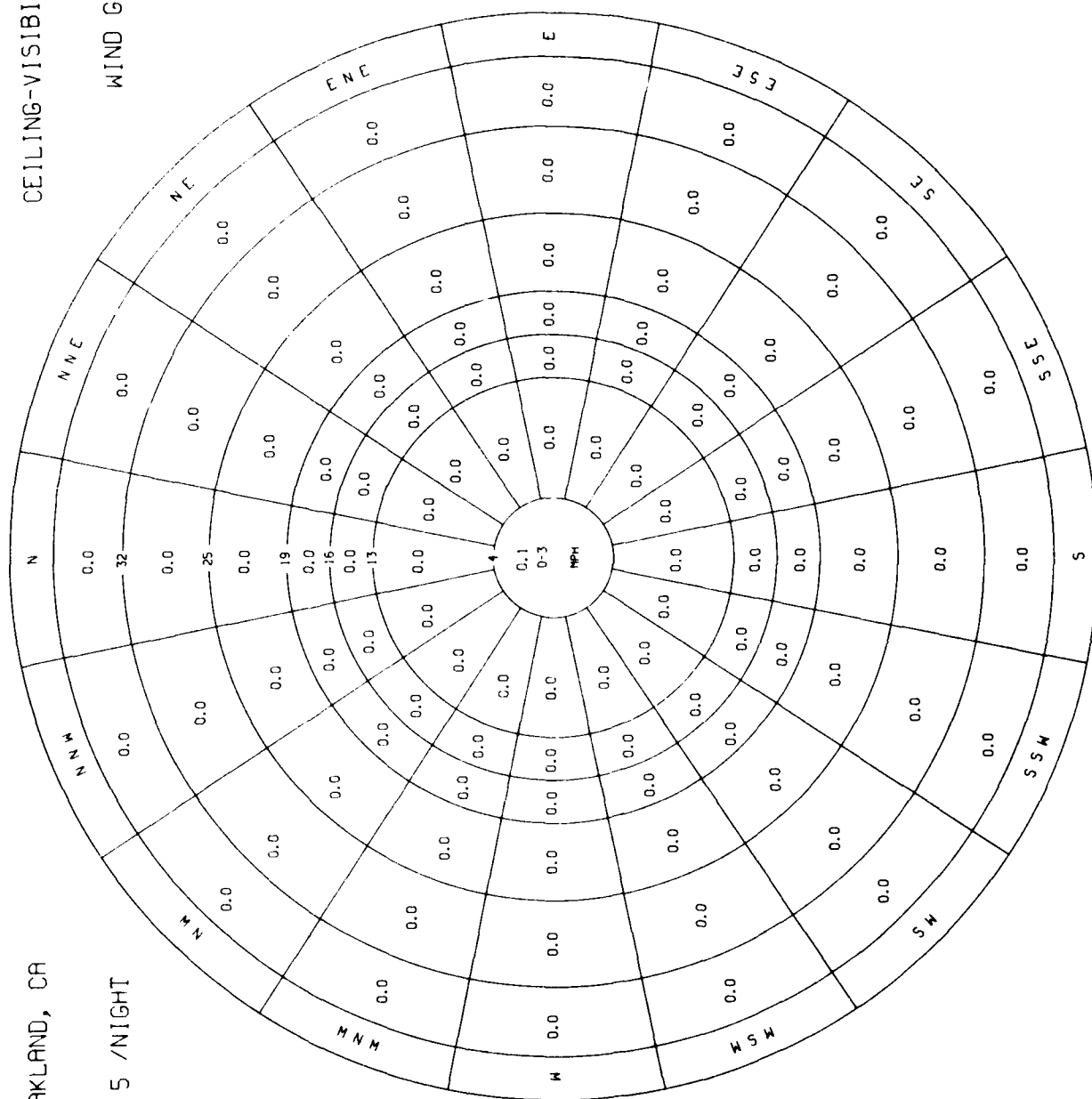
NO. OBS.: 92

STATION NUMBER: 23230

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.3
NNE	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.0
NE	.0	1.1	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	4.7
ENE	.0	2.2	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	4.3
E	.0	1.1	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.0
ESE	.0	1.1	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.0
SE	.0	1.1	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	5.6
SSE	.0	.0	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.0
S	.0	3.3	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.8	5.0
SSW	.0	1.1	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.2
SW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.0
WSW	.0	1.1	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.3
W	.0	.0	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	5.4
WNW	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.3
NW	.0	2.2	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	4.3
NNW	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.0
CALM	.1	30.4													.1	30.4	
TOTAL	.1	45.7	.1	54.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	100	3.6

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: OAK OAKLAND, CA

PERIOD: 1948-1978

CLASS 5 / NIGHT

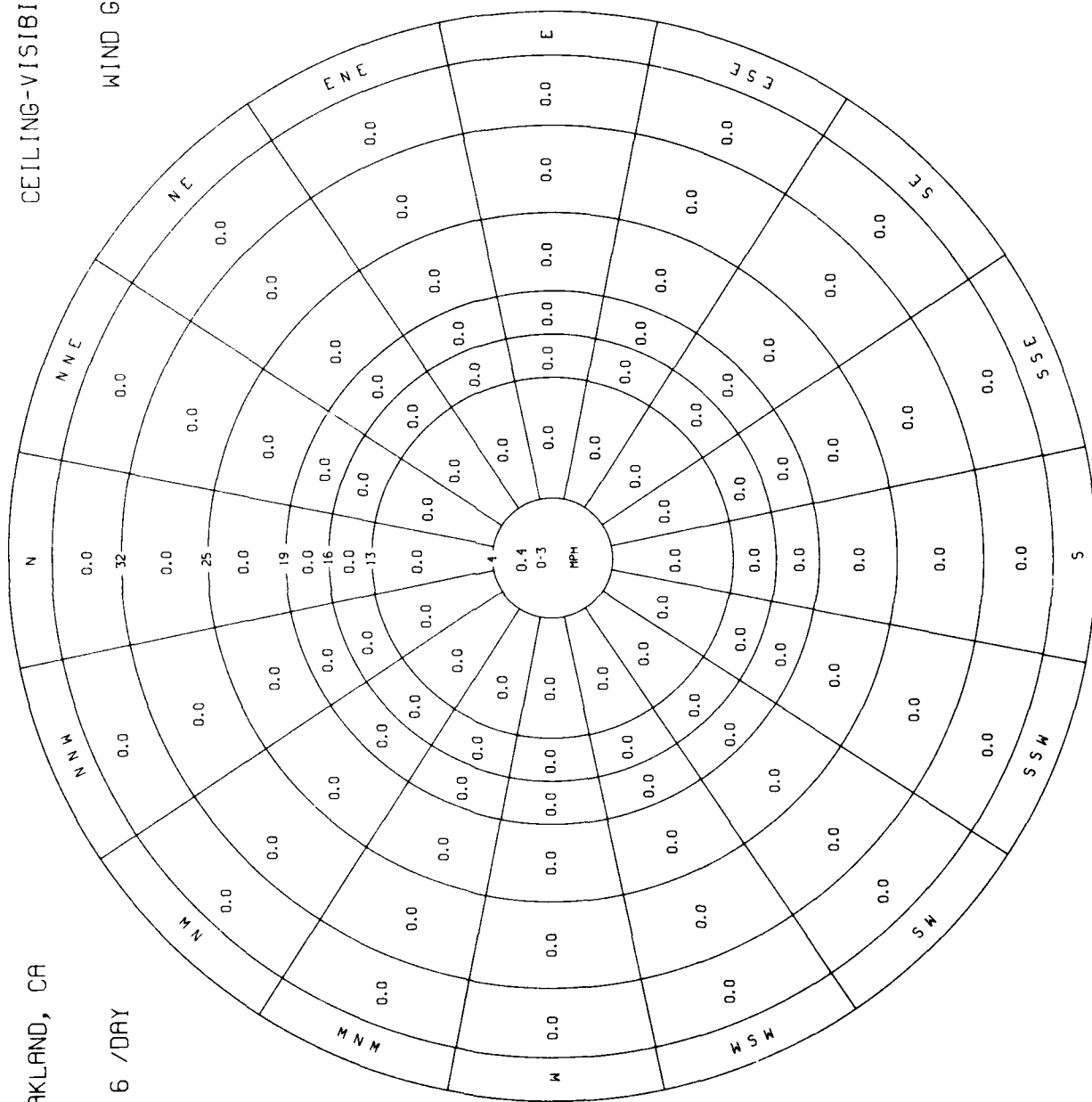
STATION NUMBER: 23230

NO. OBS.: 53

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	1.9	.0	7.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	5.2
NNE	.0	1.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	4.0
NE	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	7.0
ENE	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.0
E	.0	3.8	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	4.4
ESE	.0	5.7	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.3	3.6
SE	.0	.0	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	7.0
SSE	.0	1.9	.0	.0	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	3.8	9.5
S	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SW	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.0
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
W	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.0
WNW	.0	.0	.0	9.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	5.6
NW	.0	1.9	.0	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	5.5
NNW	.0	1.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	4.0
CALM	.0	26.4													.0	26.4	
TOTAL	.1	47.2	.1	50.9	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.1	100	3.8

CEILING-VISIBILITY

WIND GRAPH



OAK OAKLAND, CA

CLASS 6 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: OAK OAKLAND, CA

PERIOD: 1948-1978

CLASS 6 / DAY

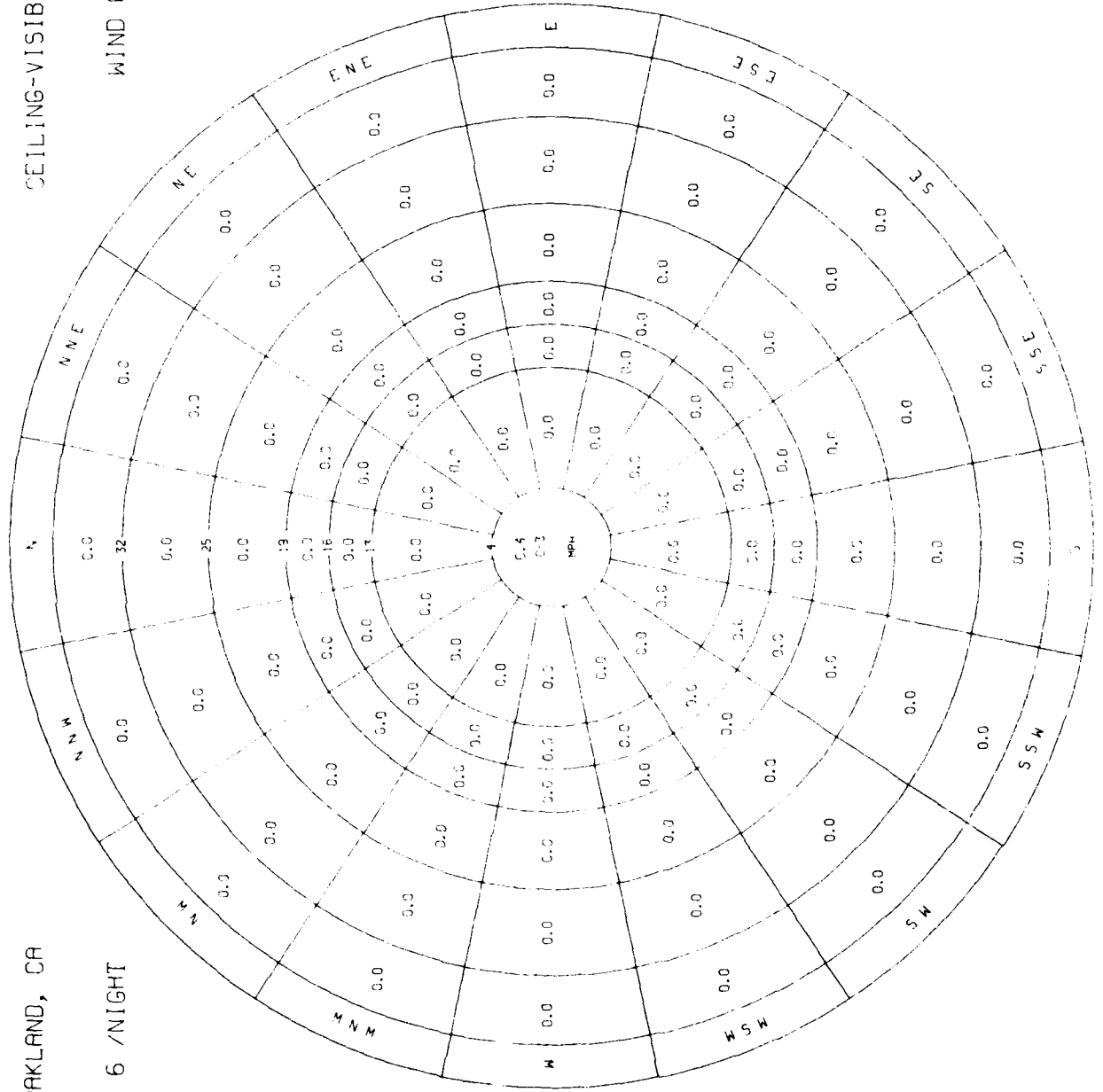
STATION NUMBER: 23230

NO. OBS.: 314

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	1.3	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	5.0
NNE	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	2.6
NE	.0	.6	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.4
ENE	.0	2.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.2
E	.0	1.3	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.1
ESE	.0	1.3	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	4.7
SE	.0	2.9	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	4.5
SSE	.0	1.6	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	4.6
S	.0	1.6	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	5.3
SSW	.0	1.3	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	4.7
SW	.0	.6	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.3
WSW	.0	1.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	5.1
W	.0	1.6	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.5
WNW	.0	1.3	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	4.9
NW	.0	2.9	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	3.5
NNW	.0	1.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	4.4
CALM	.3	41.7														.3	41.7	
TOTAL	.4	66.9	.2	33.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	100	2.6

CEILING-VISIBILITY

WIND GRAPH



OAK OAKLAND, CA

CLASS 6 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OAK OAKLAND, CA

CLASS 6 / DAY

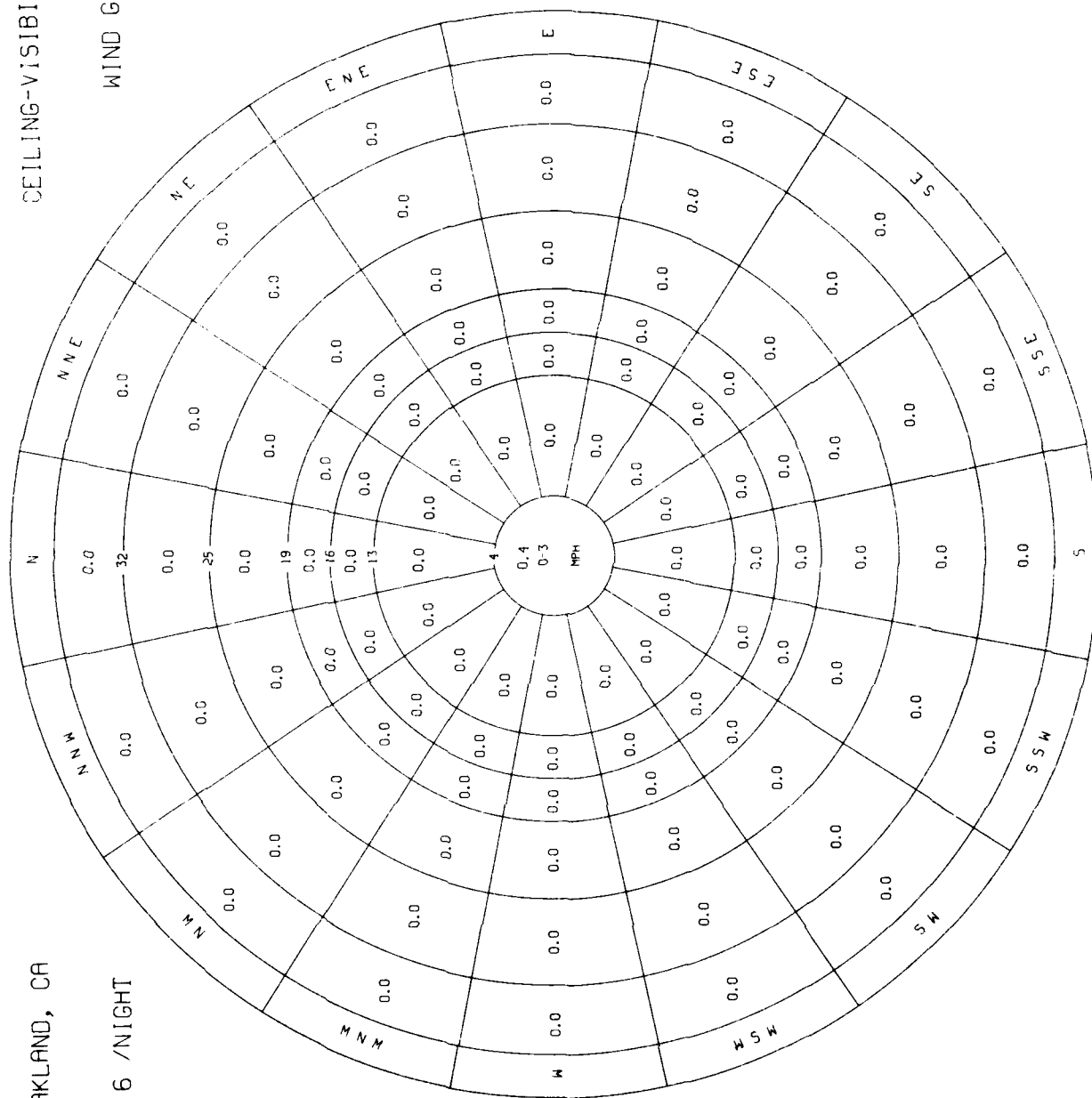
NO. OBS.: 314

STATION NUMBER: 23230

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL
A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	1.3	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
NNE	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
NE	.0	.6	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
ENE	.0	2.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2
E	.0	1.3	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9
ESE	.0	1.3	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8
SE	.0	2.9	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1
SSE	.0	1.6	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
S	.0	1.6	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1
SSW	.0	1.3	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
SW	.0	.6	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9
WSW	.0	1.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9
W	.0	1.6	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1
WNW	.0	1.3	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5
NW	.0	2.9	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1
NNW	.0	1.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2
CALM	.3	41.7													3	41.7
TOTAL	.4	66.9	.2	33.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: OAK OAKLAND, CA

PERIOD: 1948-1978

CLASS E / NIGHT

STATION NUMBER: 23230

NO. OBS.: 235

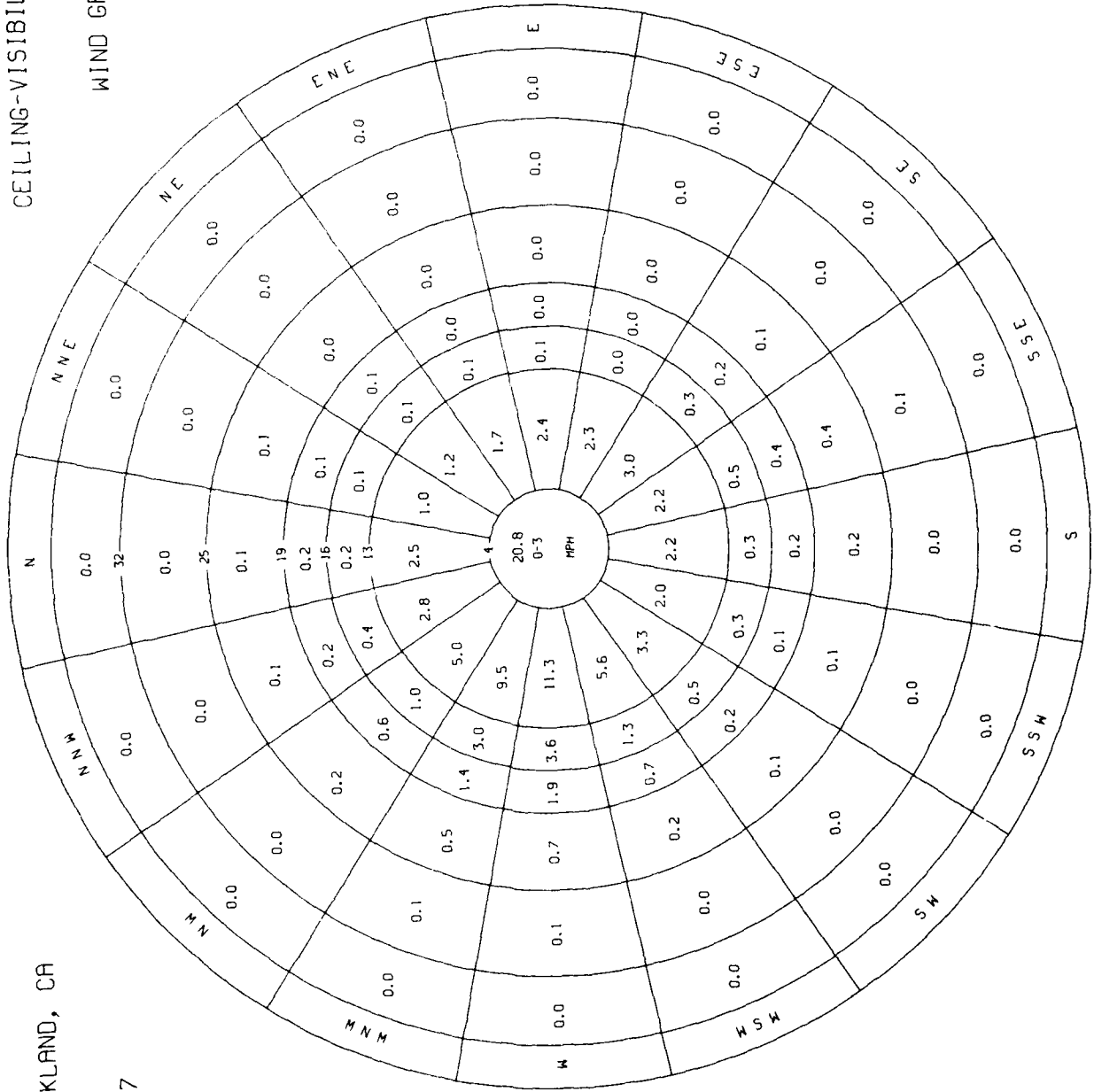
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	2.1	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	4.4
NNE	.0	1.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	3.3
NE	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	2.7
ENE	.0	1.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	3.8
E	.0	.4	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.0
ESE	.0	2.1	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	4.5
SE	.0	3.4	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	4.4
SSE	.0	1.3	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	4.6
S	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.5
SSW	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.0
W	.0	.9	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.0
WNW	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.5
NW	.0	1.3	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	5.3
NNW	.0	1.3	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	5.2
CALM	.3	51.9													.3	51.9	
TOTAL	.4	71.5	.2	28.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	100	2.2

CEILING-VISIBILITY

WIND GRAPH

OAK OAKLAND, CA

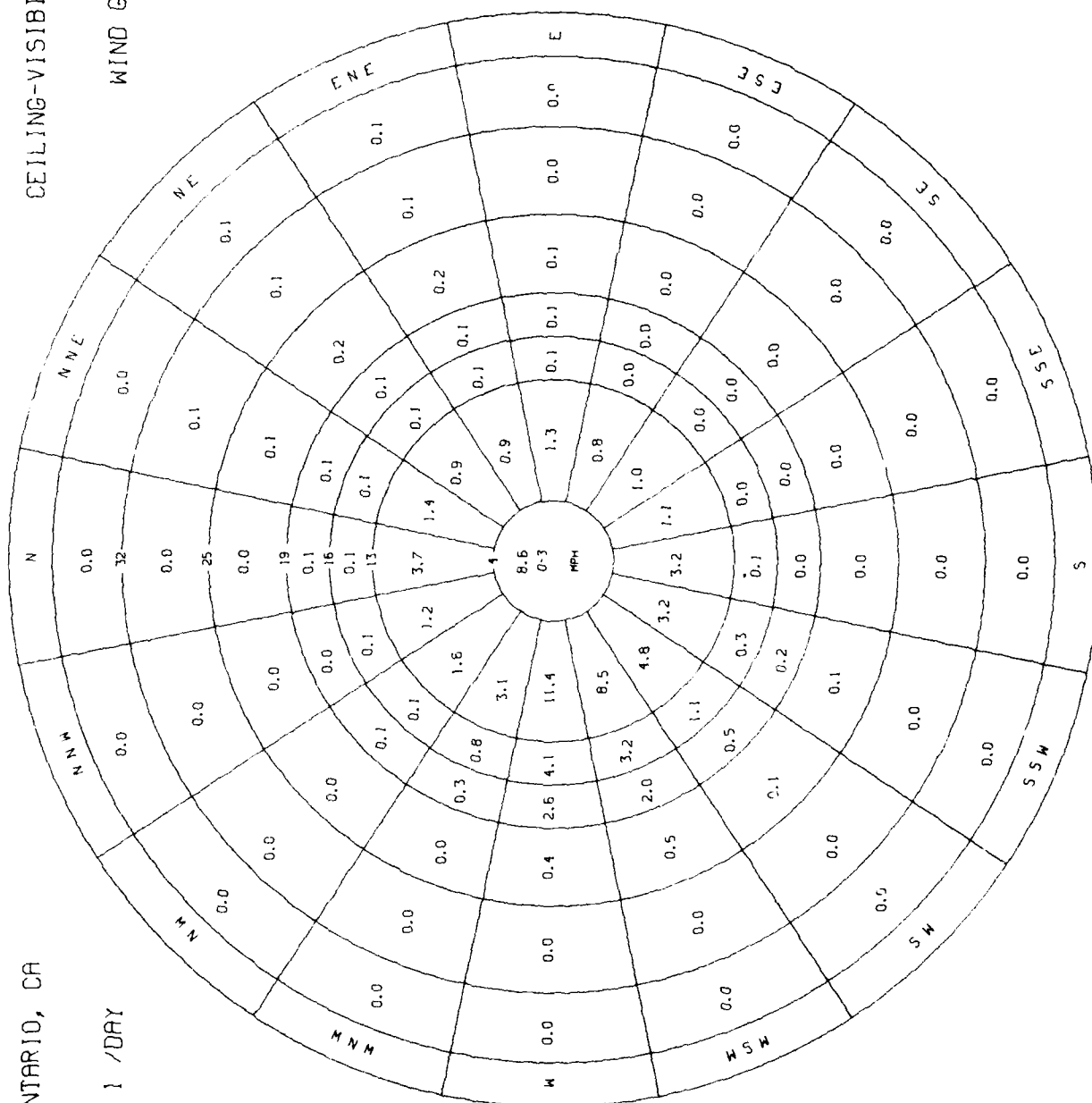
CLASS 7



CELLING-VISIBILITY

CLASS 1 / DAY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1968-1978

STATION NAME: ONT ONTARIO, CA

CLASS 1 / DAY

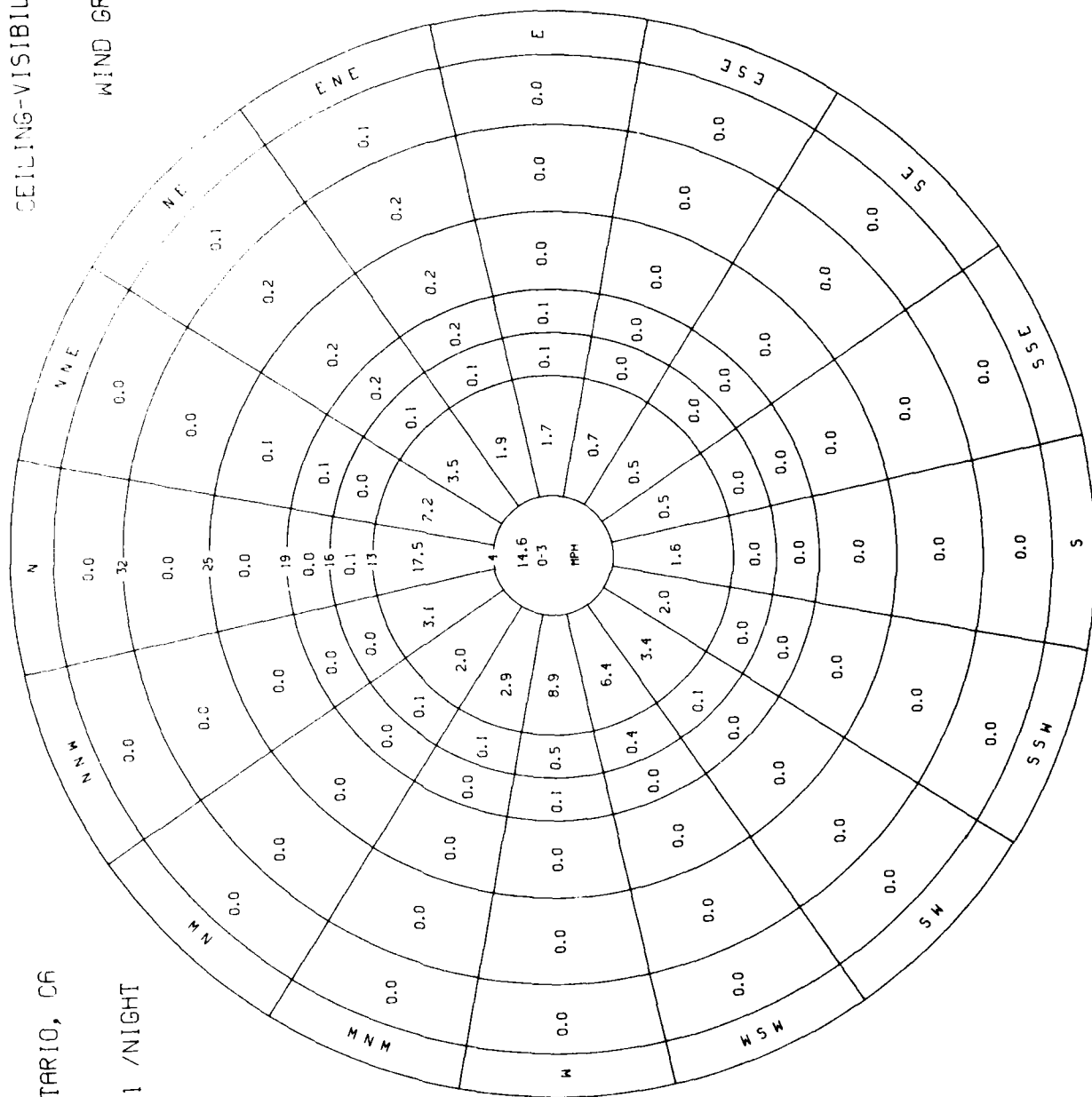
NO. OBS.: 11950

STATION NUMBER: 03102

D I R	SPEED GROUPS (MPH)																	AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.5	.7	3.7	4.9	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	4.4	5.8	7.0	
NNE	.3	.4	1.4	1.9	.1	.1	.1	.1	.1	.2	.1	.1	.0	.1	2.1	2.8	9.7	
NE	.2	.2	.9	1.2	.1	.1	.1	.2	.2	.3	.1	.2	.1	.1	1.7	2.2	12.9	
ENE	.2	.3	.9	1.1	.1	.1	.1	.1	.2	.3	.1	.1	.1	.1	1.6	2.1	12.4	
E	.3	.5	1.3	1.7	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	1.8	2.4	7.6	
ESE	.3	.4	.8	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.5	6.2	
SE	.3	.4	1.0	1.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.7	6.3	
SSE	.3	.4	1.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	1.9	5.8	
S	.6	.8	3.2	4.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.9	5.2	6.3	
SSW	.3	.4	3.2	4.2	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	4.1	5.4	8.4	
SW	.3	.4	4.8	6.4	1.1	1.5	.5	.7	.1	.2	.0	.0	.0	.0	6.9	9.1	9.9	
WSW	.3	.4	8.5	11.2	3.2	4.3	2.0	2.6	.5	.6	.0	.0	.0	.0	14.5	19.2	11.5	
W	.3	.4	11.4	15.1	4.1	5.4	2.6	3.4	.4	.5	.0	.0	.0	.0	18.8	24.9	11.4	
WNW	.2	.2	3.1	4.2	.8	1.1	.3	.5	.0	.0	.0	.0	.0	.0	4.5	5.9	9.9	
NW	.2	.2	1.6	2.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.9	2.5	7.9	
NNW	.2	.3	1.2	1.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5	2.0	7.0	
CALM	4.0	5.3													4.0	5.3		
TOTAL	8.6	11.3	48.1	63.6	10.3	13.7	6.2	8.1	1.8	2.4	.4	.5	.3	.4	75.7	100	9.4	

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ONT. ONTARIO, CA

PERIOD: 1968-1978

CLASS 1 / NIGHT

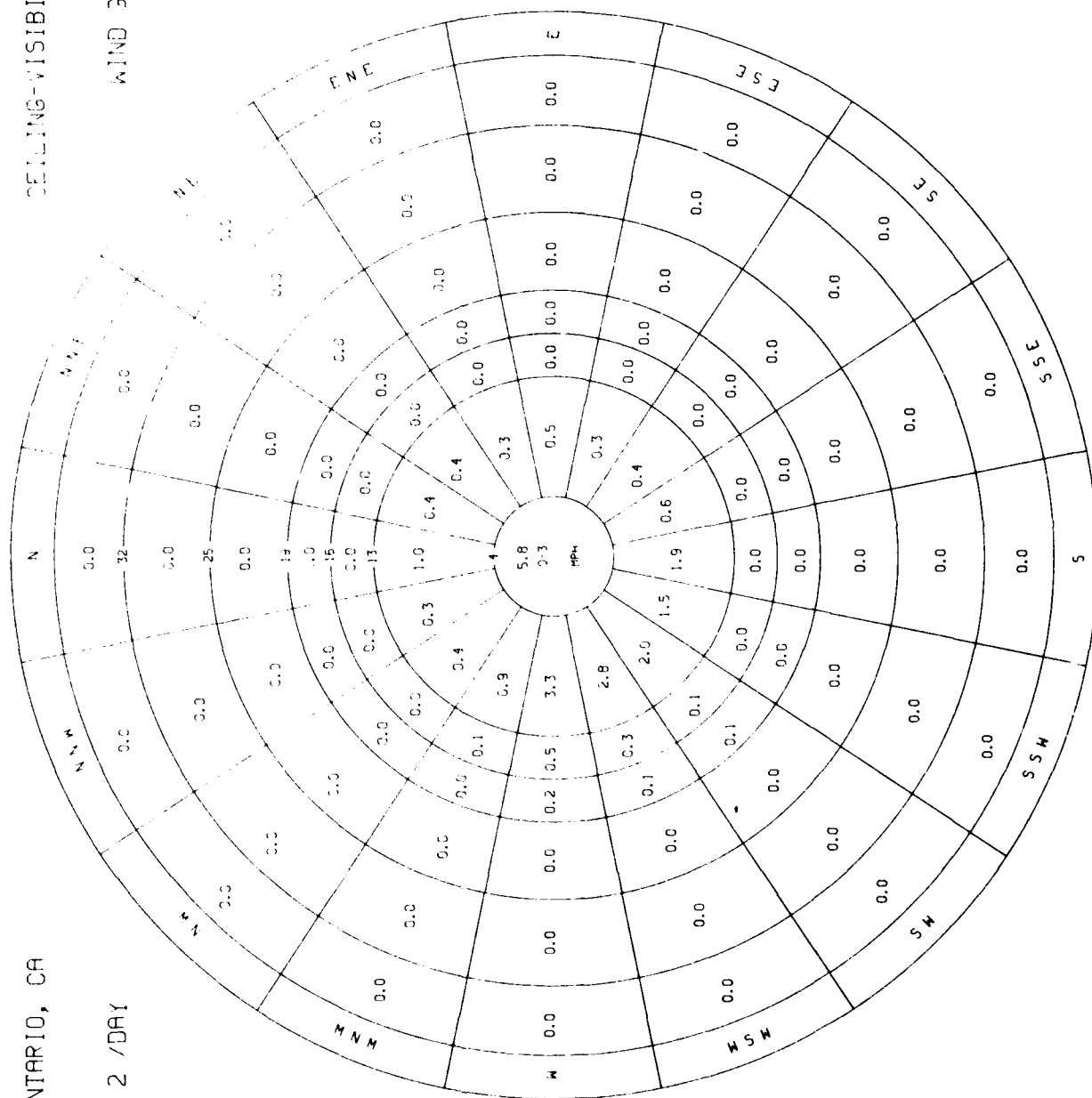
STATION NUMBER: 03192

NO. OBS.: 10857

D i R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	1.6	1.9	17.5	21.3	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	19.2 23.4
NNE	.9	1.1	7.2	8.7	.0	.0	.1	.1	.1	.1	.0	.1	.0	.0	8.3 10.2
NE	.5	.7	3.5	4.2	.1	.1	.2	.3	.2	.2	.2	.2	.1	.1	4.8 5.8
ENE	.3	.4	1.9	2.3	.1	.1	.2	.2	.2	.3	.2	.2	.1	.1	2.9 3.5
E	.4	.5	1.7	2.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	2.4 2.9
ESE	.2	.3	.7	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0 1.3
SE	.2	.2	.5	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7 .9
SSE	.2	.3	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7 .8
S	.5	.6	1.6	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1 2.5
SSW	.3	.3	2.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3 2.8
SW	.4	.4	3.4	4.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.9 4.7
WSW	.2	.3	6.4	7.8	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	7.1 8.7
W	.4	.5	8.9	10.8	.5	.6	.1	.1	.0	.0	.0	.0	.0	.0	9.8 12.0
WNW	.2	.2	2.9	3.6	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	3.2 3.9
NW	.2	.3	2.0	2.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.3 2.8
NNW	.5	.6	3.1	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6 4.4
CALM	7.6	9.3													7.6 9.3
TOTAL	14.6	17.9	63.8	77.8	1.6	2.0	.7	.8	.6	.8	.4	.5	.2	.2	81.9 100

ONT ONTARIO, CA

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ONT ONTARIO, CA

PERIOD: 1968-1978

CLASS 2 / DAY

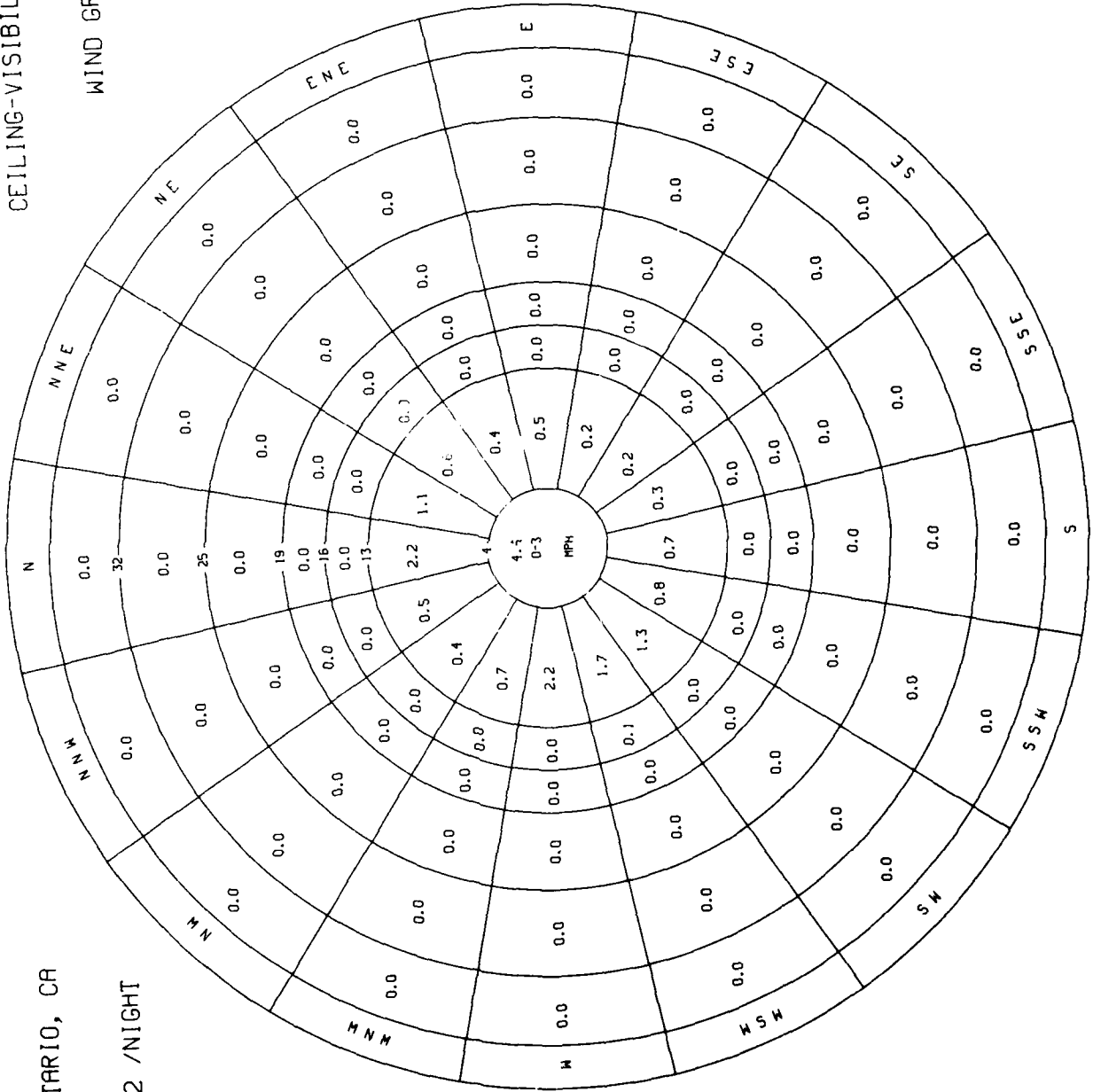
STATION NUMBER: 03102

NO. OBS.: 3844

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.3	1.2	1.0	4.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.3	5.6
NNE	.1	.5	.4	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	2.1	5.6
NE	.1	.4	.4	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	2.0	6.3
ENE	.1	.3	.3	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.7	5.8
E	.2	.9	.5	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	2.9	4.9
ESE	.1	.6	.3	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	2.0	4.7
SE	.2	1.0	.4	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	2.7	4.7
SSE	.2	.8	.6	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.2	5.0
S	.4	1.8	1.9	7.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	9.7	5.5
SSW	.2	1.0	1.5	6.3	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	1.8	7.4	6.5
SW	.2	.8	2.0	8.2	.1	.5	.1	.3	.0	.1	.0	.0	.0	.0	.0	2.4	9.9	7.7
WSW	.2	.7	2.8	11.3	.3	1.2	.1	.5	.0	.0	.0	.0	.0	.0	.0	3.3	13.7	8.3
W	.2	.8	3.3	13.7	.5	2.2	.2	.7	.0	.1	.0	.0	.0	.0	.0	4.2	17.4	8.9
WNW	.1	.3	.9	3.6	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.3	7.8
NW	.1	.4	.4	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	2.1	6.2
NNW	.1	.4	.3	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.6	5.4
CALM	2.9	12.0														2.9	12.0	
TOTAL	5.8	23.7	17.0	69.8	1.1	4.4	.4	1.6	.1	.4	.0	.0	.0	.0	.1	24.3	100	6.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1968-1978

STATION NAME: ONT ONTARIO, CA

CLASS 2 / NIGHT

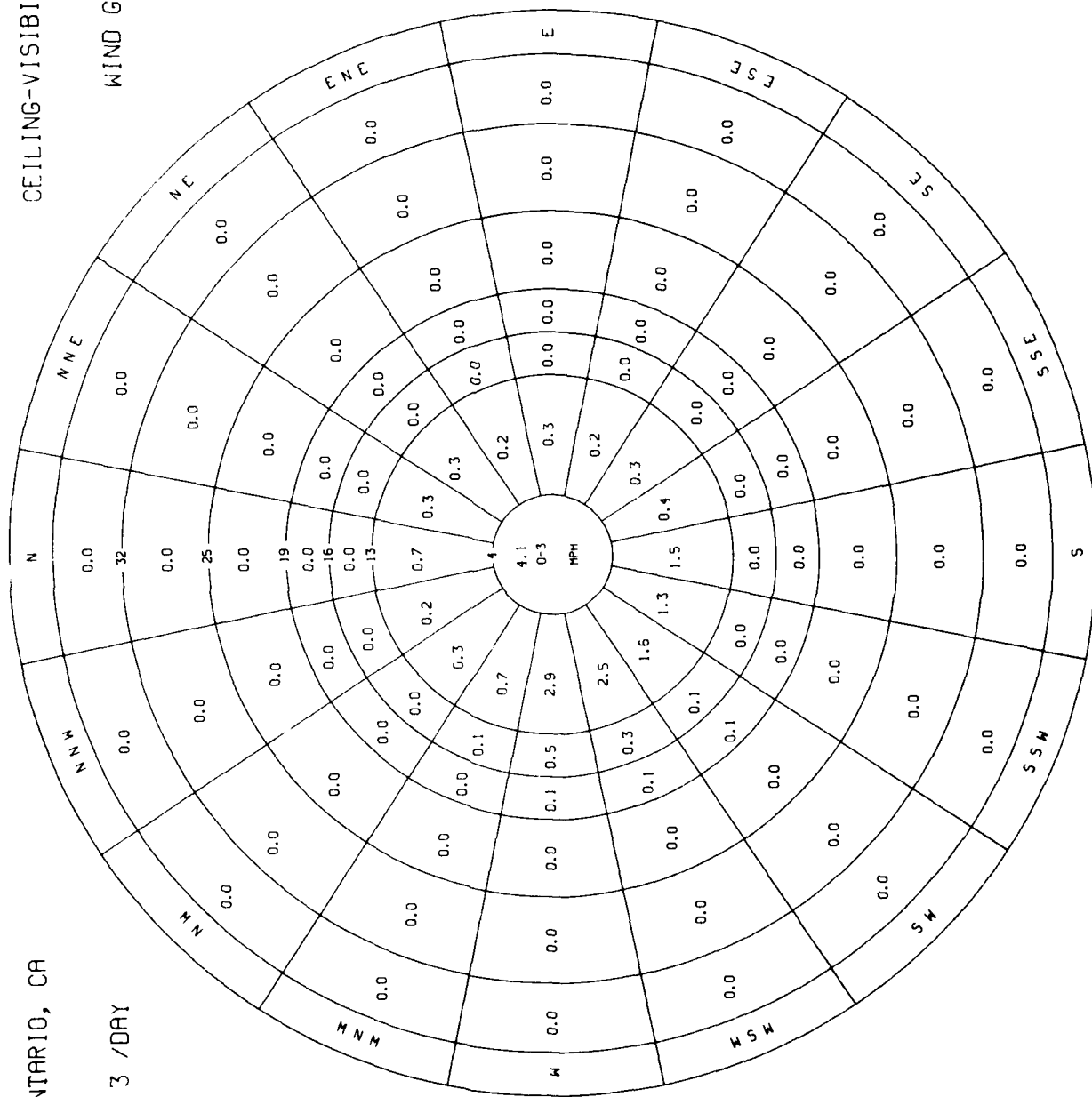
NO. OBS.: 2396

STATION NUMBER: 03102

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		15-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.4	2.3	2.2	12.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	14.4	5.8
NNE	.2	1.0	1.1	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	6.9	5.8
NE	.1	.5	.6	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	3.6	5.8
ENE	.1	.6	.4	2.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5	2.8	5.8
E	.2	1.0	.5	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.5	5.1
ESE	.1	.4	.2	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.3	5.0
SE	.1	.5	.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.4	4.5
SSE	.1	.8	.3	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.2	4.4
S	.2	1.3	.7	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.0	5.2
SSW	.2	1.1	.8	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.8	5.6
SW	.1	.5	1.3	7.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.4	7.7	6.7
WSW	.1	.7	1.7	9.5	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	1.9	10.6	7.1
W	.1	.7	2.2	11.9	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	2.3	12.9	7.3
WNW	.0	.3	.7	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.1	6.9
NW	.1	.4	.4	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	2.6	5.8
NNW	.1	.6	.5	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.1	5.7
CALM	2.2	11.9			.2	.9	.1	.3	.0	.0	.0	.0	.0	.0	2.2	11.9	
TOTAL	4.4	24.5	13.4	74.2											18.1	100	5.4

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1968-1978

STATION NAME: ONT ONTARIO, CA

CLASS 3 / DAY

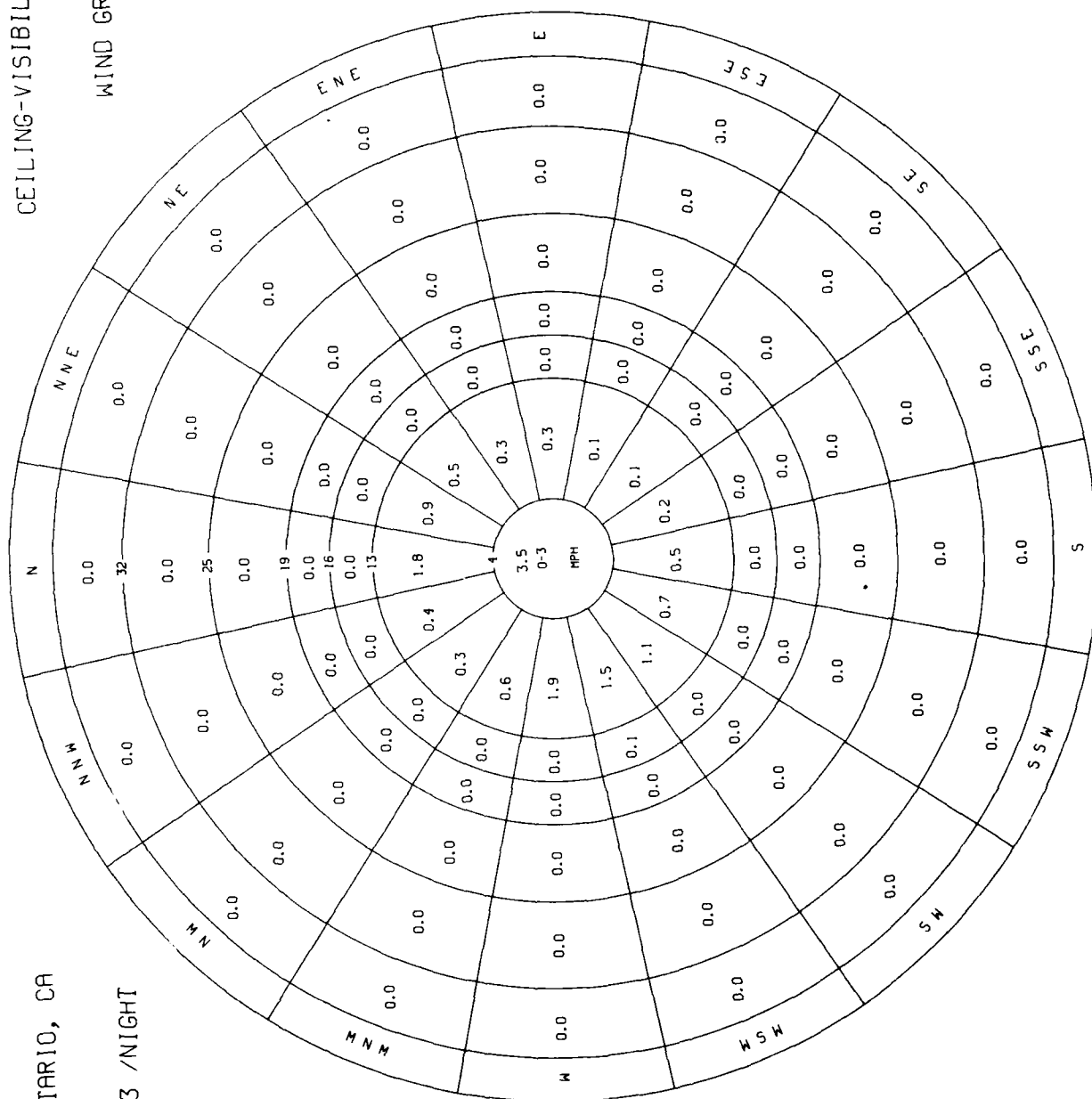
NO. OBS.: 3053

STATION NUMBER: 03102

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C	D	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.2	.9	.7	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.7	5.6
NNE	.1	.4	.3	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.8	5.9
NE	.1	.4	.3	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.1	6.3
ENE	.1	.3	.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.4	5.8
E	.1	.7	.3	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.3	5.2
ESE	.1	.5	.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.6	4.7
SE	.1	.8	.3	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	2.4	4.7
SSE	.1	.6	.4	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.9	5.2
S	.3	1.5	1.5	7.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	9.1	5.7
SSW	.2	.9	1.3	6.6	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	1.5	7.7	6.8
SW	.1	.7	1.6	8.2	.1	.6	.1	.4	.0	.2	.0	.0	.0	.0	1.9	10.0	7.8
WSW	.1	.6	2.5	12.7	.3	1.4	.1	.6	.0	.0	.0	.0	.0	.0	3.0	15.3	8.5
W	.2	.8	2.9	15.1	.5	2.6	.1	.8	.0	.1	.0	.0	.0	.0	3.8	19.4	9.1
WNW	.1	.3	.7	3.8	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.7	8.0
NW	.1	.3	.3	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.2	6.4
NNW	.1	.5	.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.6	5.3
CALM	2.1	10.9													2.1	10.9	
TOTAL	4.1	21.2	13.8	71.2	1.0	5.3	.4	1.9	.1	.5	.0	.0	.0	.0	19.3	100	6.5

CEILING-VISIBILITY

WIND GRAPH



ONT ONTARIO, CA

CLASS 3 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1968-1978

STATION NAME: ONT ONTARIO, CA

CLASS 3 / NIGHT

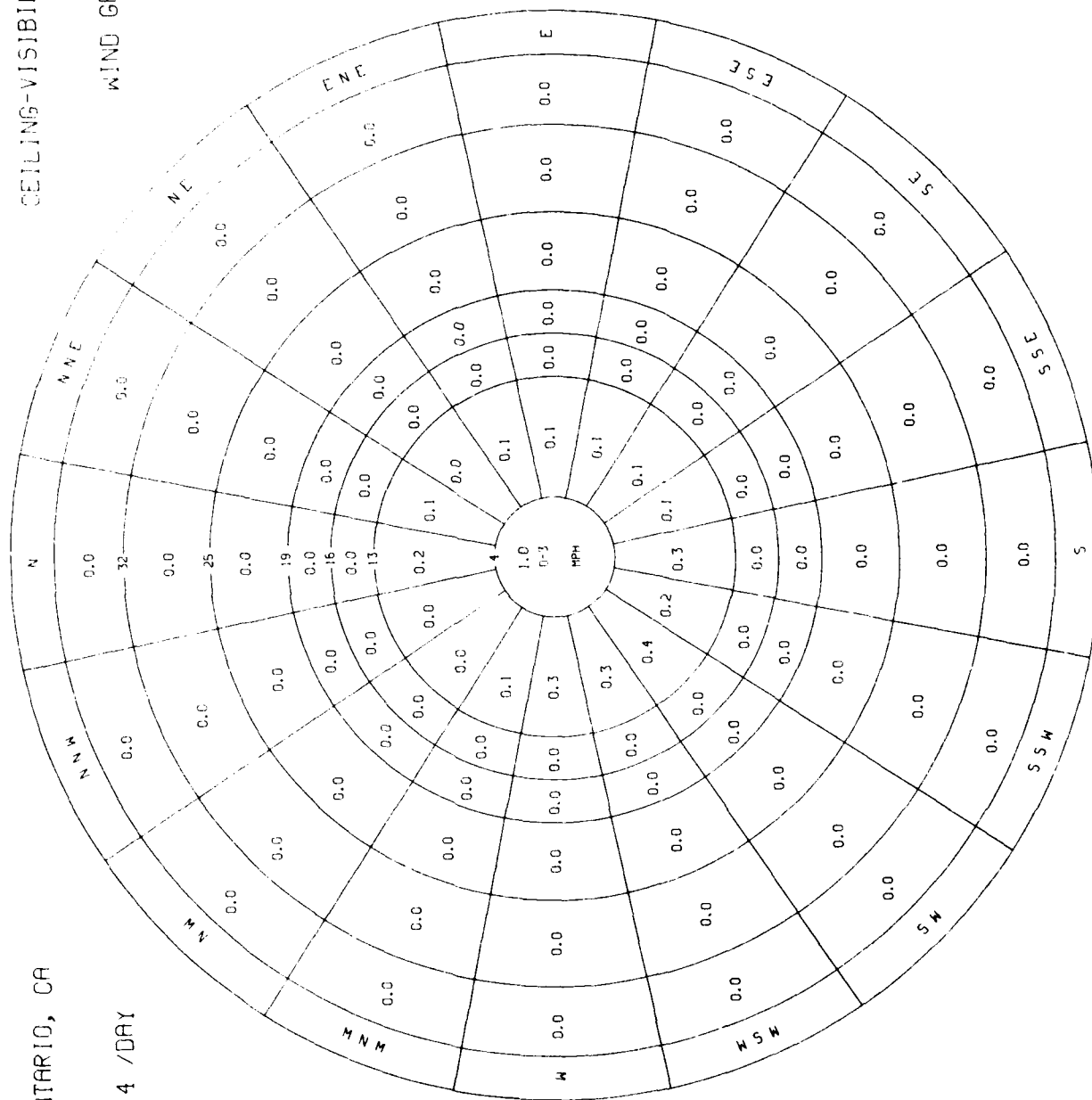
NO. OBS.: 2002

STATION NUMBER: 03102

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D	
N	.3	2.3	1.8	12.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	14.5	5.8
NNE	.1	.8	.9	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.5	5.9
NE	.1	.6	.5	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.7	5.7
ENE	.1	.4	.3	2.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.6	6.0
E	.1	.7	.3	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.0	5.2
ESE	.1	.3	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.2	5.0
SE	.1	.5	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.4	4.6
SSE	.1	.8	.2	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.2	4.3
S	.2	1.1	.5	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.7	5.3
SSW	.2	1.2	.7	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.7	5.6
SW	.1	.5	1.1	7.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	8.1	6.7
WSW	.1	.7	1.5	10.1	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	11.3	7.1
W	.1	.7	1.9	12.6	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.1	13.7	7.4
WNW	.0	.3	.6	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.2	7.0
NW	.1	.3	.3	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.6	5.9
NNW	.1	.5	.4	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.1	5.7
CALM	1.7	11.1														1.7	11.1	
TOTAL	3.5	23.2	11.4	75.4	.2	1.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	15.1	100	5.5

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1968-1978

STATION NAME: GNT ONTARIO, CA

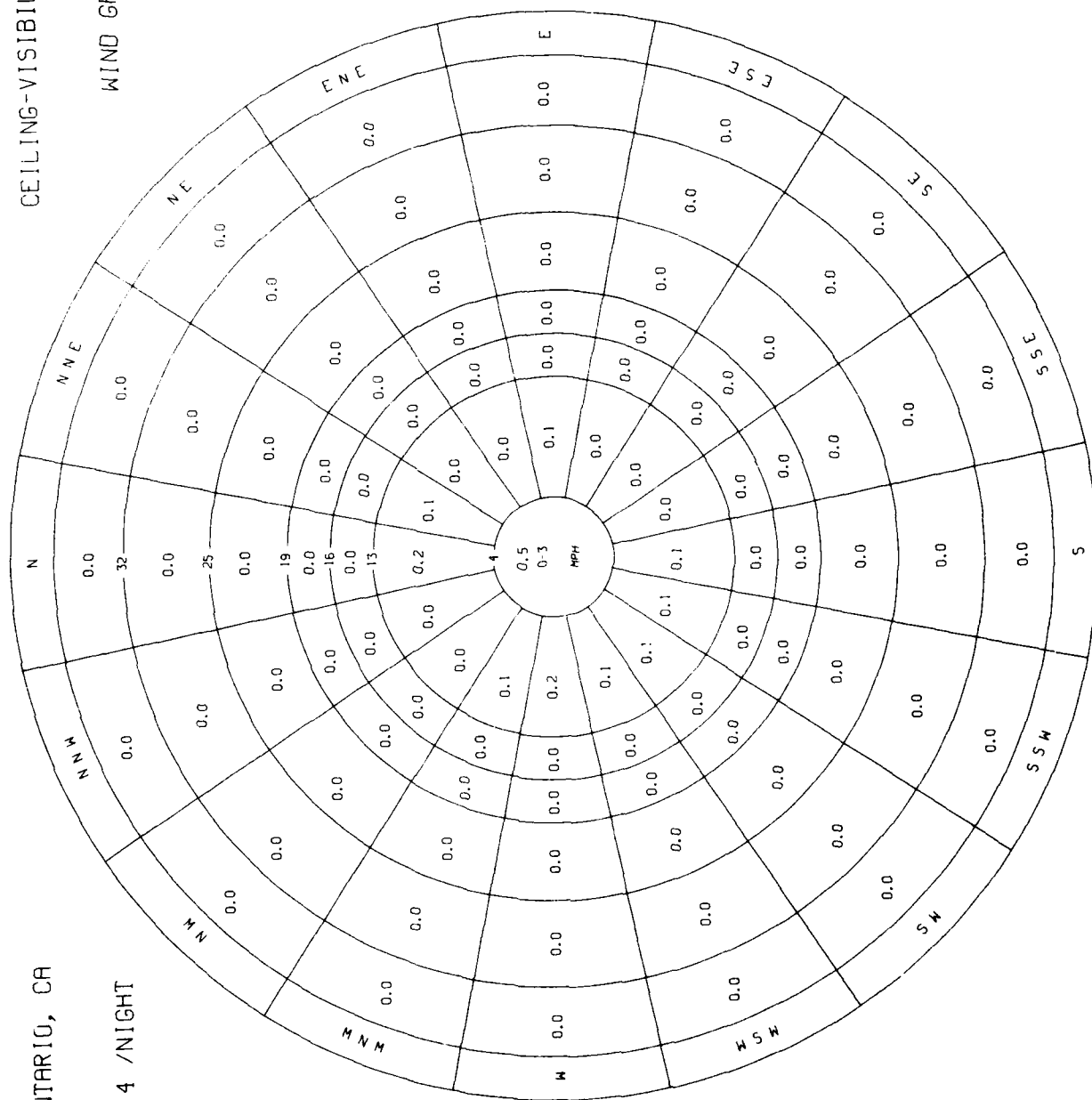
CLASS 4 / DAY

NO. OBS.: 538

STATION NUMBER: 03102

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C	D	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	1.5	.2	5.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.7	5.6
NNE	.0	.7	.1	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.0	5.1
NE	.0	.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.5	5.6
ENE	.0	.2	.1	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.0	5.9
E	.0	.6	.1	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.2	4.7
ESE	.0	1.1	.1	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.8	4.3
SE	.0	1.3	.1	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	4.9
SSE	.0	1.3	.1	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.5	4.7
S	.1	3.3	.3	9.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	13.2	5.2
SSW	.0	1.1	.2	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	7.8	6.0
SW	.0	.7	.4	10.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	11.5	6.5
WSW	.0	.9	.3	7.6	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.3	8.9	6.6
W	.0	.7	.3	9.1	.0	.6	.0	.2	.0	.2	.0	.0	.0	.0	.4	10.8	7.8
WNW	.0	.4	.1	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	6.0
NW	.0	.4	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.7	5.6
NNW	.0	.2	.0	.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	6.4
CALM	.5	14.5													.5	14.5	
TOTAL	1.0	29.4	2.3	68.8	.0	1.3	.0	.4	.0	.2	.0	.0	.0	.0	3.4	100	5.1

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME:ONT ONTARIO, CA

PERIOD:1968-1978

CLASS 4 / NIGHT

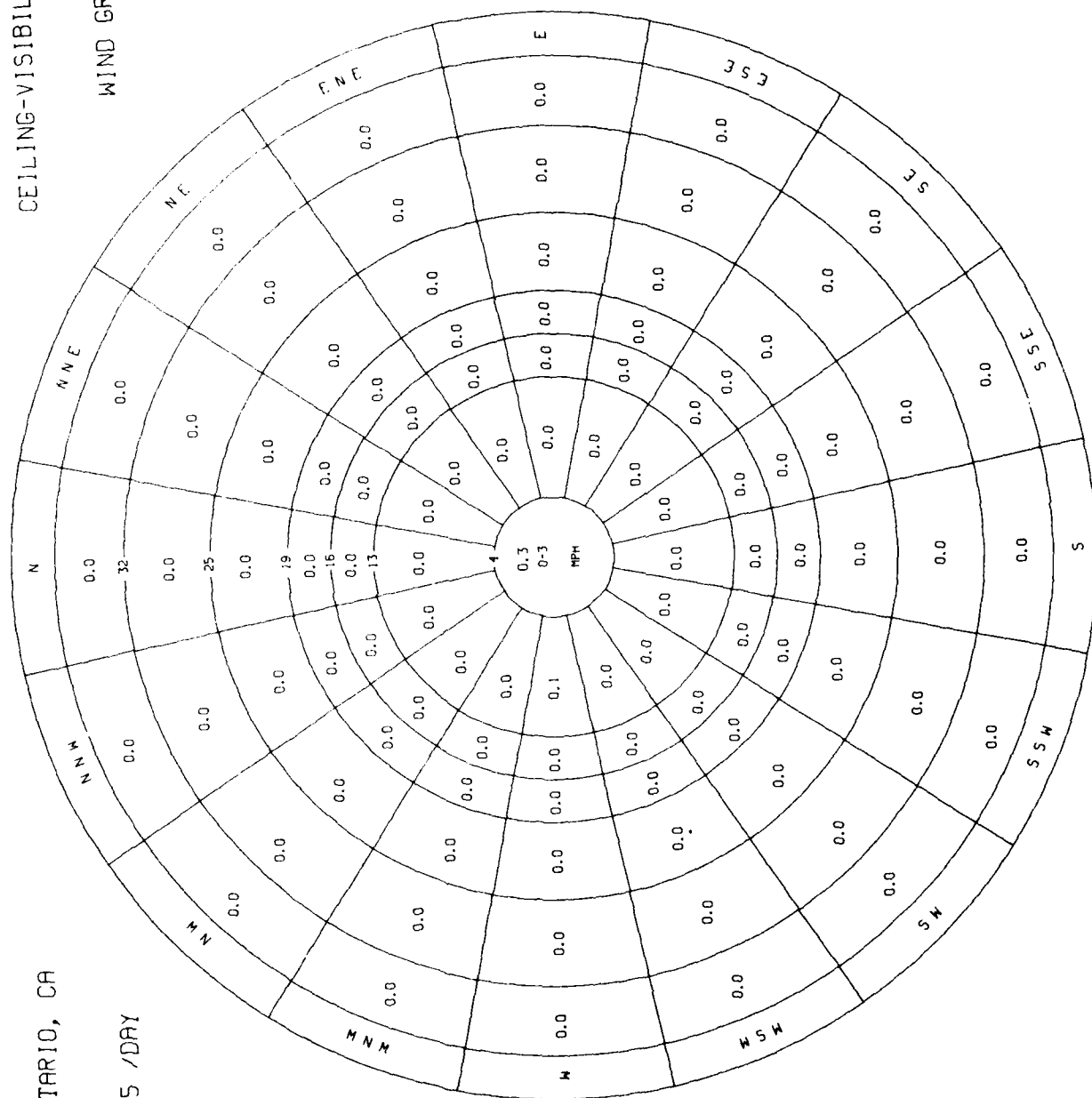
STATION NUMBER:03102

NO. OBS.: 233

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	1.7	.2	11.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	12.9	5.5
NNE	.0	2.6	.1	7.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	9.9	5.4
NE	.0	.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.2
ENE	.0	.4	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.0	6.1
E	.0	1.3	.1	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.3	4.7
ESE	.0	.4	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.6
SE	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.0
SSE	.0	.4	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.0
S	.0	1.7	.1	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.6	4.8
SSW	.0	1.3	.1	7.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.6	5.5
SW	.0	.0	.1	7.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.3	6.9
WSW	.0	.4	.1	6.9	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.1	7.7	7.7
W	.0	.4	.2	9.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	9.4	6.9
WNW	.0	.0	.1	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.0	6.6
NW	.0	.4	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.7
NNW	.0	.9	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.4	6.0
CALM	.3	15.0														.3	15.0	
TOTAL	.5	27.5	1.3	72.1	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	1.8	100	5.1

ONT ONTARIO, CA

CLASS 5 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1968-1978

STATION NAME: ONT ONTARIO, CA

CLASS 3 / DAY

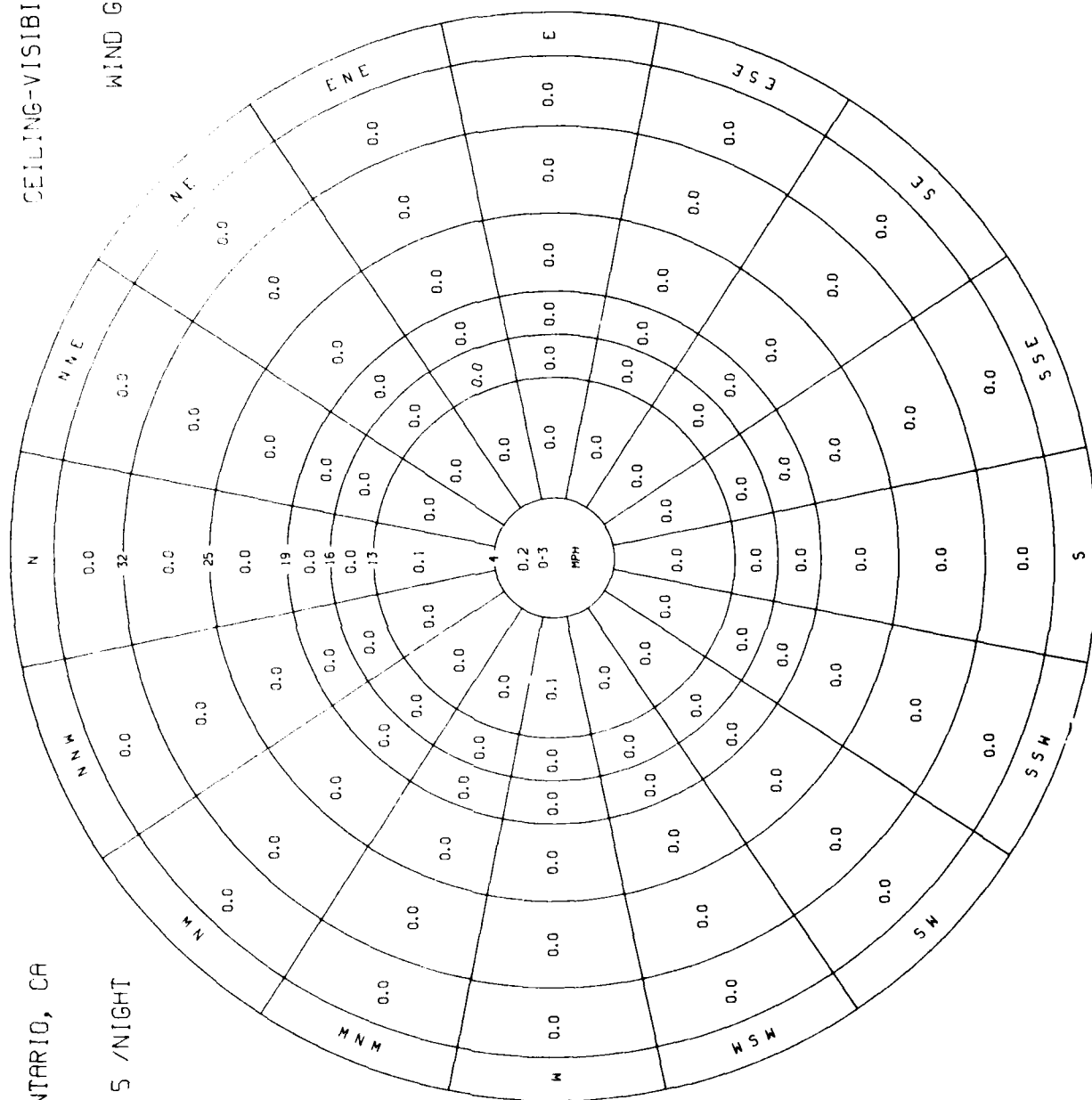
NO. OBS.: 94

STATION NUMBER: 03102

D I R	SPEED GROUPS IMPH														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	3.2	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4
NNE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
NE	.0	1.1	.0	3.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	5.3
ENE	.0	1.1	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2
E	.0	7.4	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.6
ESE	.0	2.1	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4
SE	.0	3.2	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4
SSE	.0	.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1
S	.0	1.1	.0	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4
SSW	.0	2.1	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3
SW	.0	3.2	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4
WSW	.0	2.1	.0	3.2	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	8.3
W	.0	.0	.0	9.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.6
WNW	.0	.0	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2
NW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
NNW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
CALM	.1	17.0													17.0
TOTAL	.3	43.6	.3	52.1	.0	2.1	.0	1.1	.0	.0	.0	.0	.0	1.1	6 100
															5.4

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1968-1978

STATION NAME: ONT ONTARIO, CA

CLASS 5 / NIGHT

NO. OBS.: 61

STATION NUMBER: 03102

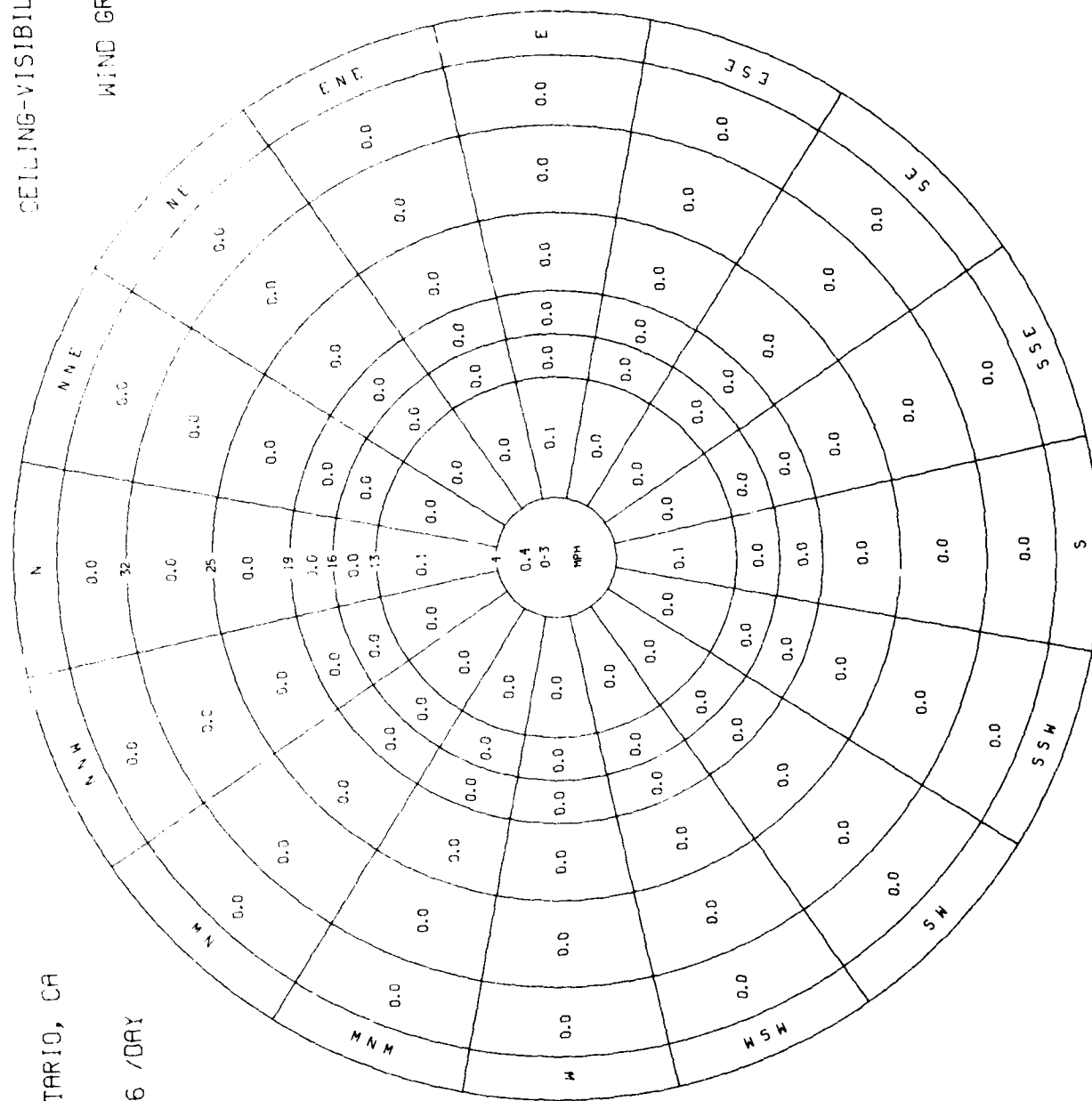
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	3.3	.1	11.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	14.8	5.4
NNE	.0	1.6	.0	6.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	5.6
NE	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.0
ENE	.0	6.6	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.8	4.0
E	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	3.5
ESE	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	3.5
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.0
S	.0	3.3	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	5.6
SSW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.0
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	3.3	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	5.0
W	.0	.0	.1	11.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.5	7.0
WNW	.0	.0	.0	6.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	6.0
NW	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.0
NNW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.0
CALM	.1	14.8														.1	14.8	
TOTAL	.2	39.3	.3	60.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	100	4.5

CEILING-VISIBILITY

WIND GRAPH

ONT ONTARIO, CA

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1968-1978

STATION NAME: GNT ONTARIO, CA

CLASS 6 / DAY

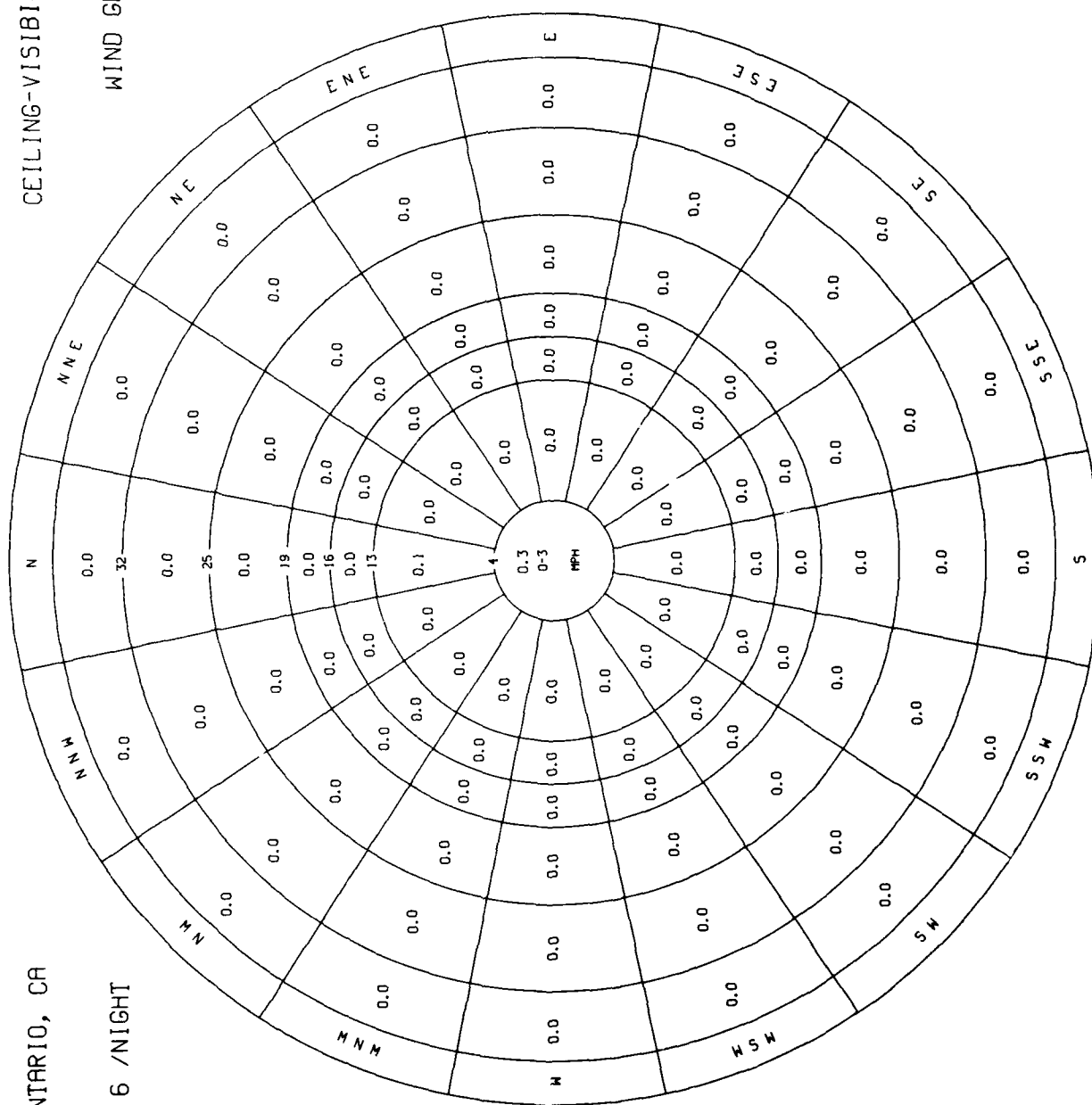
NO. OBS.: 159

STATION NUMBER: 03102

O I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B				
N	.0	3.1	.1	8.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	11.3	5.3
NNE	.0	1.3	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.0	4.4
NE	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	6.0
ENE	.0	.6	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	5.7
E	.0	1.9	.1	7.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.4	4.8
ESE	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.7
SE	.0	2.5	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.0	4.4
SSE	.0	2.5	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.7	5.0
S	.0	1.9	.1	8.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.8
SSW	.0	1.9	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	5.3
SW	.0	.6	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	7.6
WSW	.0	.0	.0	2.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.0	7.3
W	.0	.6	.0	3.8	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	1.3	6.5
WNW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	4.2
NW	.0	1.3	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.2
NNW	.0	1.3	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	22.0	
CALM	.2	22.0														1.0	100	4.1
TOTAL	.4	41.5	.6	57.2	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	1.0	100	

ONT ONTARIO, CA

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ONT ONTARIO, CA

PERIOD: 1968-1978

CLASS 6 / NIGHT

STATION NUMBER: 03102

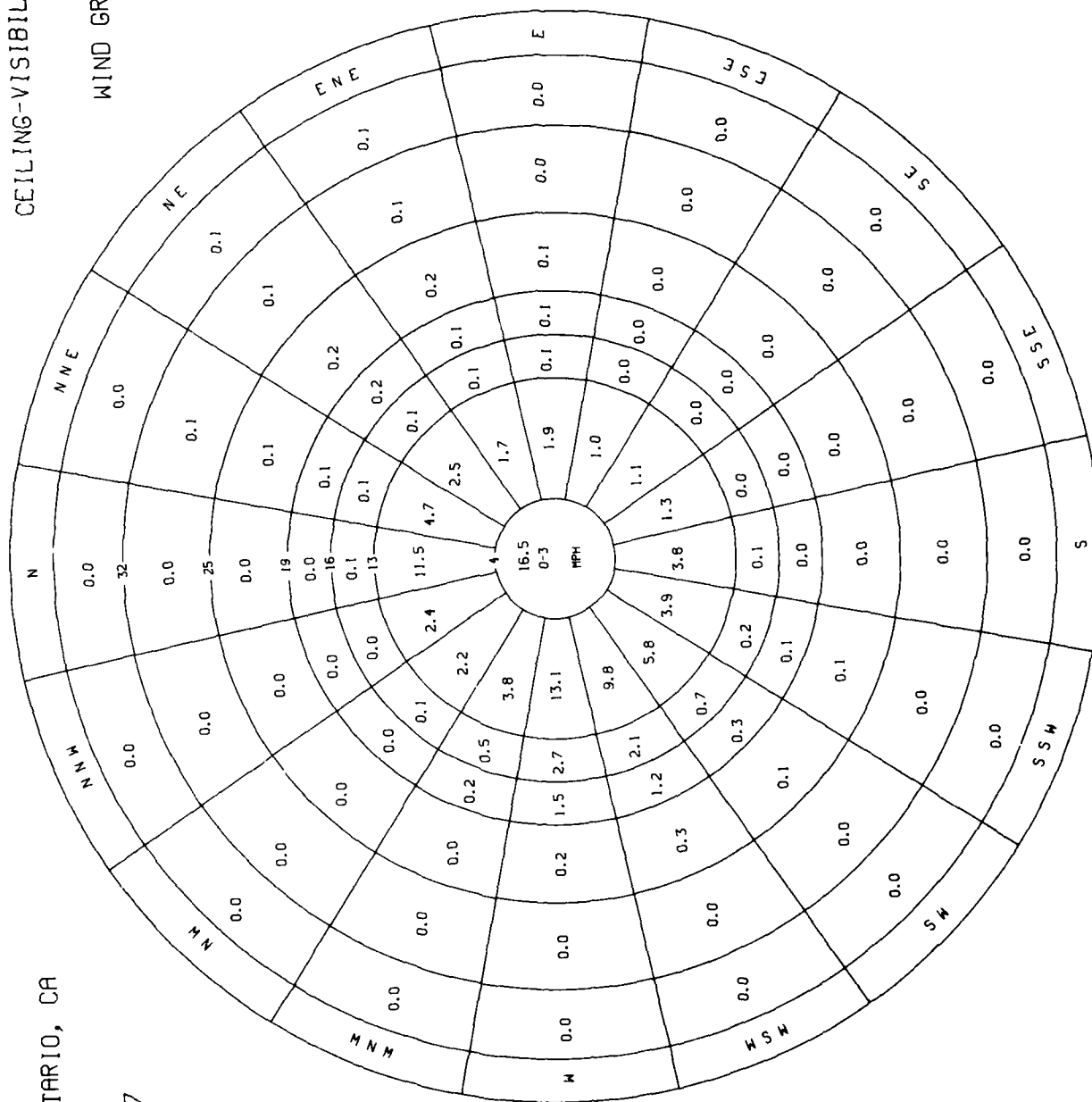
NO. OBS.: 100

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	2.0	.1	15.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	17.0	6.1
NNE	.0	1.0	.0	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.0	5.4
NE	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	5.6
ENE	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.5
E	.0	6.0	.0	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.0	4.7
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	1.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	4.3
SSE	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.0
S	.0	2.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.0	5.0
SSW	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.3
SW	.0	1.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.2
WSW	.0	.0	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	6.8
W	.0	1.0	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	6.2
WNW	.0	.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.7
NW	.0	1.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.0
NNW	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	3.8
CALM	.1	18.0														.1	18.0	
TOTAL	.3	36.0	.5	64.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	100	4.4

ONT ONTARIO, CA

WIND GRAPH

CLASS 7



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RBL RED BLUFF, CA

PERIOD: 1948-1978

CLASS 1 / DAY

STATION NUMBER: 24216

NO. OBS.: 45858

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	1.0	1.1	9.1	9.9	2.3	2.5	1.7	1.9	1.1	1.2	.2	.2	.0	.0	15.4	16.8	10.9
NNE	.5	.5	2.5	2.8	.3	.4	.1	.1	.1	.1	.0	.0	.0	.0	3.6	3.9	8.2
NE	.5	.6	1.4	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.1	5.9
ENE	.4	.5	1.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.6	5.5
E	.6	.6	1.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	1.8	5.2
ESE	.5	.6	1.7	1.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.4	2.6	6.3
SE	.9	.9	5.0	5.4	.8	.8	.4	.5	.3	.3	.1	.1	.0	.0	7.4	8.1	9.2
SSE	.6	.7	8.5	9.3	2.4	2.7	1.3	1.5	1.1	1.2	.5	.5	.1	.1	14.6	15.9	11.8
S	.8	.8	8.9	9.7	2.1	2.3	1.0	1.1	.6	.6	.1	.1	.0	.0	13.5	14.7	10.4
SSW	.4	.4	1.9	2.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.6	2.8	8.1
SW	.4	.5	1.0	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.6	6.5
WSW	.3	.3	.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.1	5.9
W	.4	.4	.9	1.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.5	1.6	7.0
WNW	.5	.5	2.1	2.3	.3	.3	.2	.2	.2	.2	.0	.1	.0	.0	3.3	3.6	8.9
NW	.8	.9	4.8	5.2	.6	.6	.3	.4	.2	.2	.0	.0	.0	.0	6.7	7.3	8.4
NNW	.6	.7	7.1	7.8	1.6	1.8	1.3	1.4	.8	.9	.1	.1	.0	.0	11.5	12.5	10.8
CALM	1.7	1.8													1.7	1.8	
TOTAL	10.9	11.9	57.7	62.9	10.9	11.8	6.6	7.2	4.4	4.8	1.1	1.2	.2	.2	91.8	100	9.6

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ABL RED BLUFF, GA

PERIOD: 1948-1978

CLASS 1 / NIGHT

STATION NUMBER: 24216

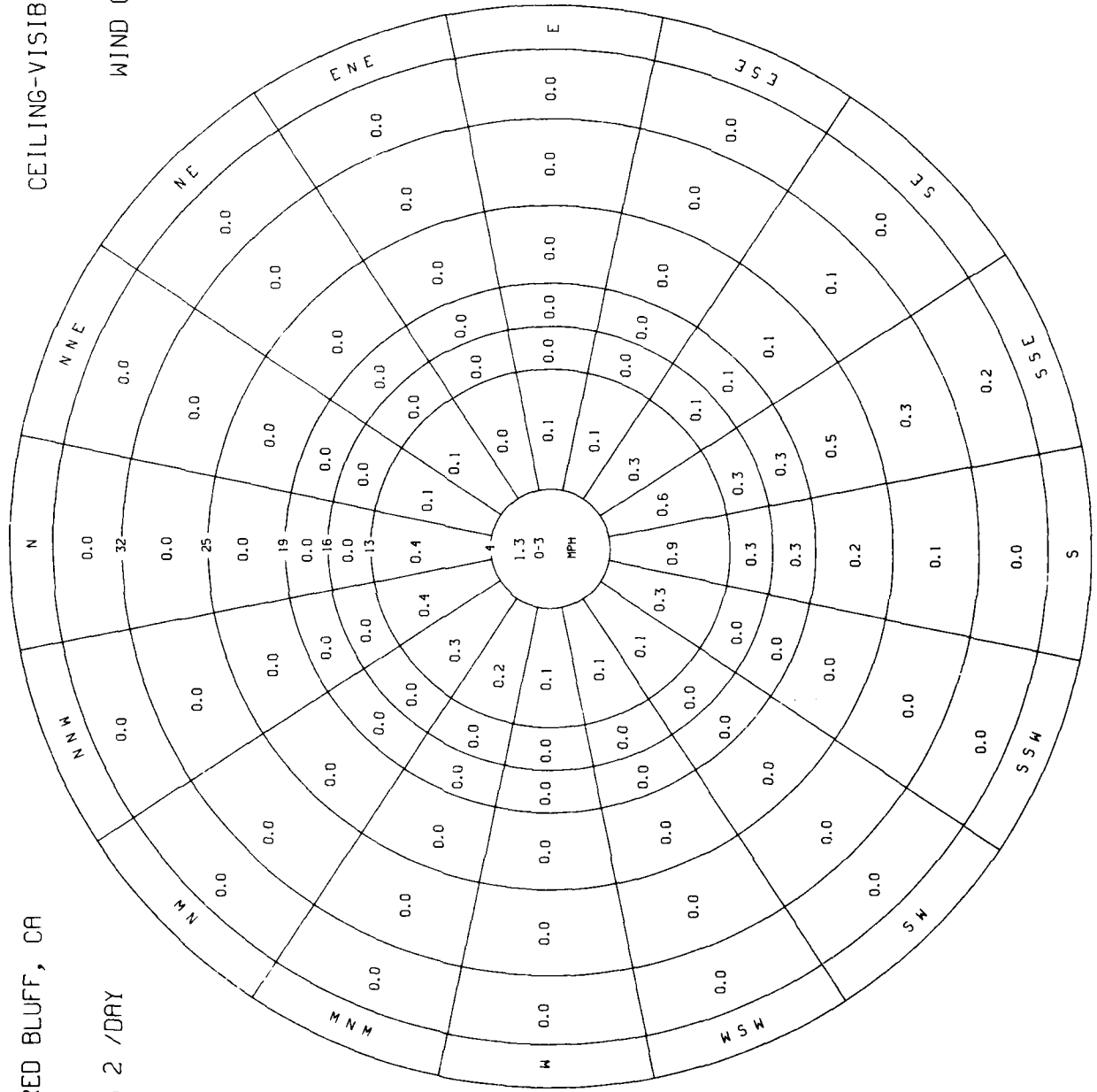
NO. OBS.: 36921

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.1	1.3	7.1	1.3	.7	.9	.5	.6	.3	.3	.0	.0	.0	.0	.0	9.8	10.7	8.2
NNE	.4	.5	1.2	1.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	1.9	6.0
NNE	.5	.6	.7	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.3	4.6
ENE	.4	.4	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.9	4.5
E	.5	.5	.6	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.2	4.5
ESE	.5	.5	1.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	1.7	5.5
SE	.6	.7	2.6	2.9	.3	.3	.2	.2	.2	.3	.1	.1	.0	.0	.0	4.1	4.5	8.9
SSE	.5	.6	4.1	4.5	.9	1.0	.8	.9	.3	.9	.3	.4	.1	.1	.1	7.7	8.5	12.0
S	.6	.6	5.2	5.7	.8	.9	.4	.5	.3	.3	.0	.0	.0	.0	.0	7.3	8.0	9.4
SSW	.3	.4	1.9	2.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	2.7	7.6
SW	.4	.4	1.4	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.1	6.4
WSW	.4	.4	1.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	1.5	5.6
W	.1	1.2	2.7	3.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.4	5.9
WNW	1.7	1.8	8.9	9.8	.4	.4	.3	.3	.2	.2	.0	.0	.0	.0	.0	11.5	12.6	7.0
NW	1.9	2.1	13.5	14.8	.7	.8	.3	.3	.1	.1	.0	.0	.0	.0	.0	16.6	18.2	7.2
NNW	1.1	1.2	11.4	12.5	1.0	1.1	.6	.7	.3	.3	.0	.0	.0	.0	.0	14.4	15.8	8.4
CALM	3.6	3.9														3.6	3.9	
TOTAL	15.7	17.2	64.0	70.2	5.2	5.7	3.2	3.5	2.3	2.6	.5	.6	.2	.2	.2	91.1	100	7.6

CLASS 2 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: PBL RED BLUFF, CA

CLASS 2 / DAY

NO. OBS.: 4114

STATION NUMBER: 24216

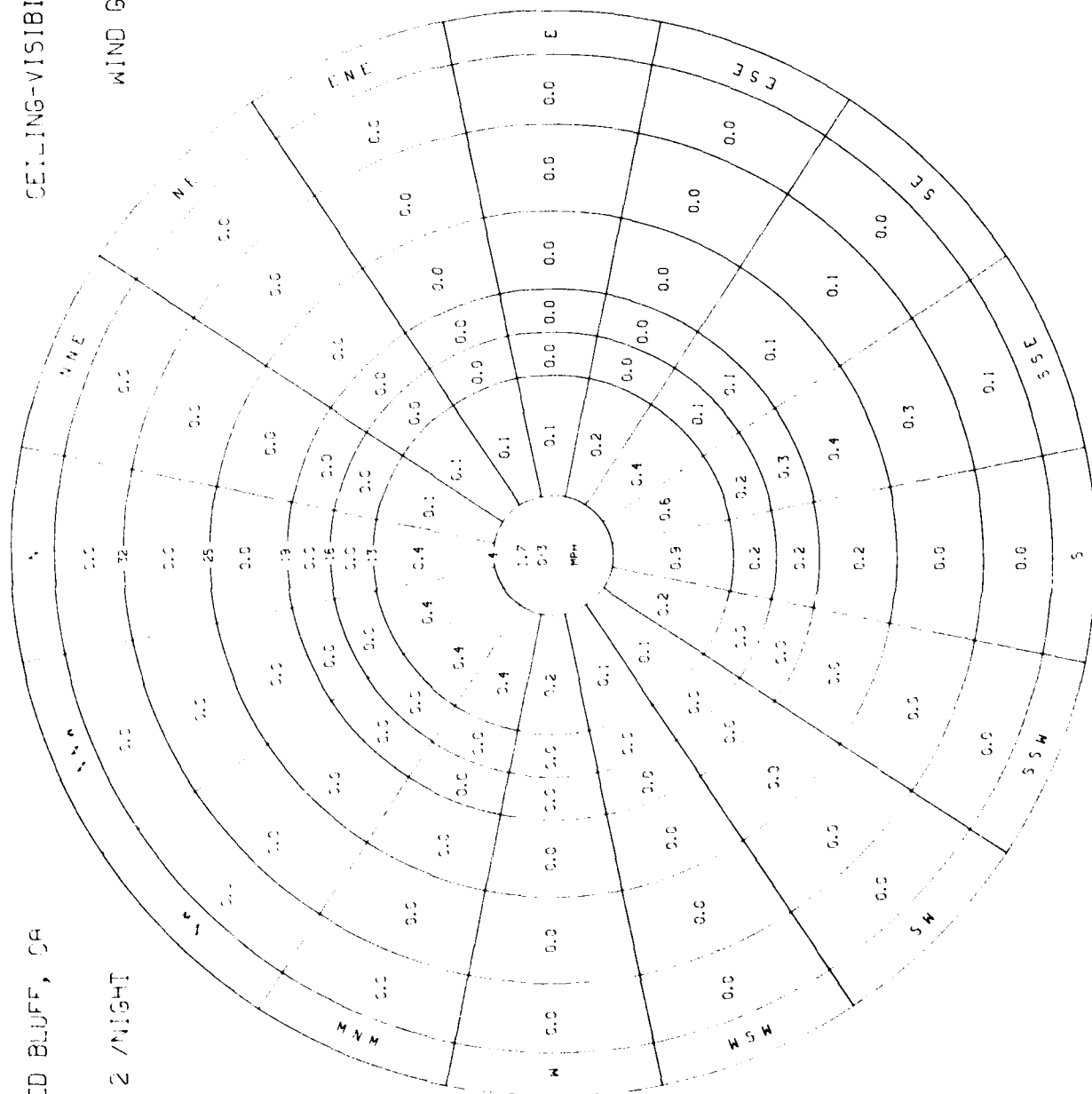
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	1.7	.4	5.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6 6.7
NNE	.0	.5	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.8
N E	.0	.6	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.5
ENE	.1	.7	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.2
E	.1	.9	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.8
ESE	.0	.6	.1	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.8
SE	.1	.9	.3	3.9	.1	.6	.1	.7	.1	1.1	.1	.9	.0	.4	.7 8.4
SSE	.1	.6	.6	7.0	.3	3.1	.3	3.7	.5	6.3	.3	4.2	.2	2.0	2.2 27.0
S	.1	1.3	.9	10.5	.3	3.5	.3	3.2	.2	2.5	.1	.9	.0	.2	1.8 22.0
SSW	.1	.7	.3	3.5	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.4 4.9
SW	.0	.4	.1	1.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.4
WSW	.0	.5	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.4
W	.1	.6	.1	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.4
WNW	.1	.9	.2	2.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3 3.5
NW	.1	1.1	.3	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 5.0
NNW	.1	1.0	.4	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 5.4
CALM	.2	2.8													.2 2.8
TOTAL	1.3	15.5	4.1	49.7	.7	8.3	.6	7.9	.8	10.0	.5	6.0	.2	2.6	8.2 100

CEILING-VISIBILITY

WIND GRAPH

RBL RED BLUFF, CA

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: ABL RED BLUFF, CA

CLASS 2 / NIGHT

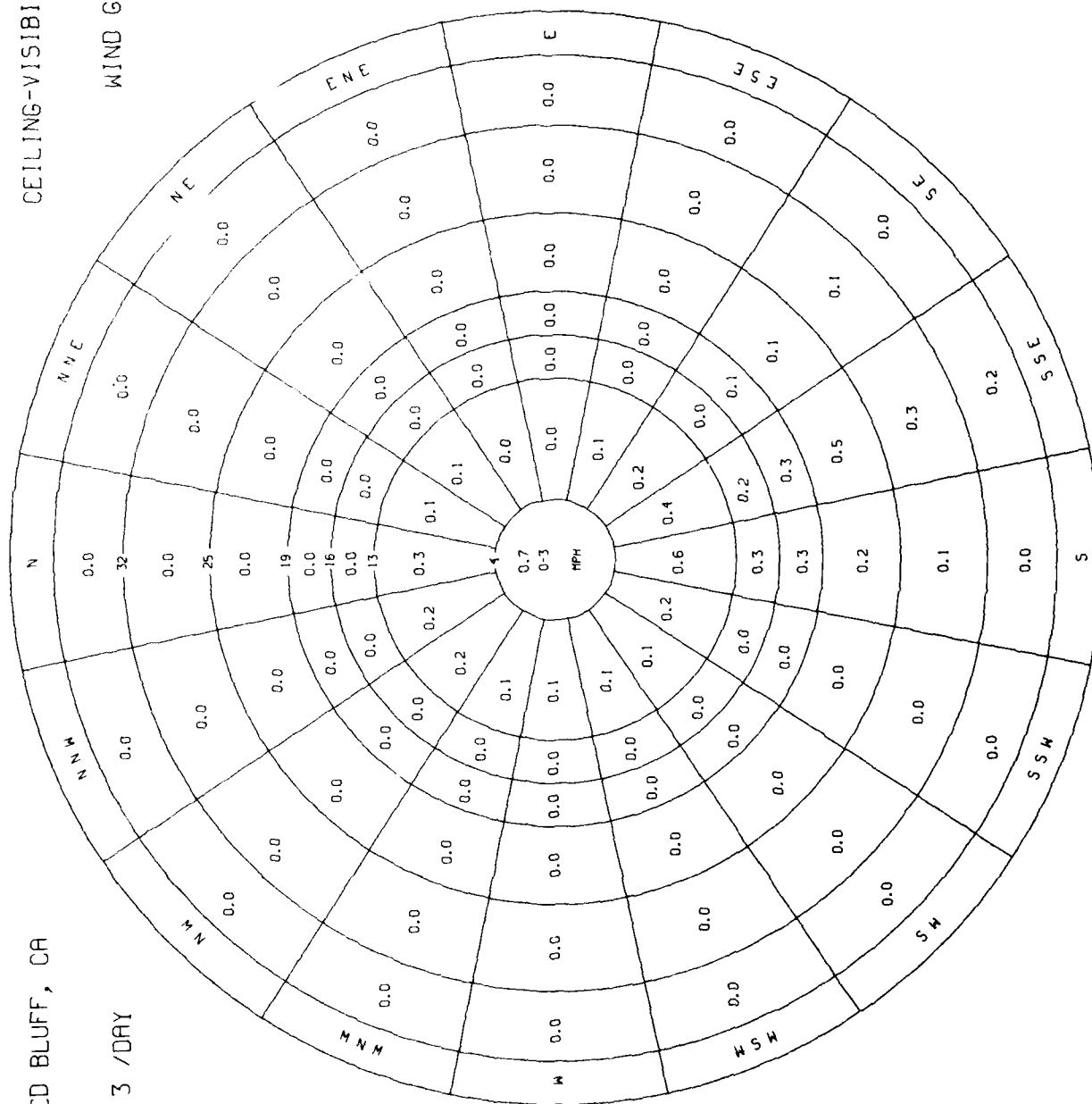
NO. OBS.: 3605

STATION NUMBER: 24216

O I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	1.7	.4	4.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6 6.4
NNE	.1	.6	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.9
NNE	.1	.6	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.2
ENE	.0	.5	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.4
E	.1	.9	.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.1
ESE	.1	1.0	.2	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.8
SE	.1	1.4	.4	4.7	.1	.7	.1	.6	.1	1.1	.1	.8	.0	.4	.9 9.7
SSE	.1	1.0	.6	7.1	.2	2.4	.3	3.1	.4	4.5	.3	3.4	.1	1.4	2.0 22.9
S	.1	1.3	.9	9.7	.2	2.7	.2	2.3	.2	2.2	.0	.5	.0	.2	1.7 18.9
SSW	.0	.5	.2	2.7	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.4 4.0
SW	.0	.4	.1	1.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2 1.9
WSW	.0	.5	.1	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.8
W	.1	1.0	.2	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.8
WNW	.1	.9	.4	3.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4 4.9
NW	.1	1.2	.4	4.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5 6.1
NNW	.1	1.2	.4	5.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6 6.3
CALM	.4	4.9													.4 4.9
TOTAL	1.7	19.5	4.7	52.6	.6	6.7	.6	6.4	.7	7.9	.4	4.7	.2	2.1	8.9 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: RBL RED BLUFF, CA

CLASS 3 / DAY

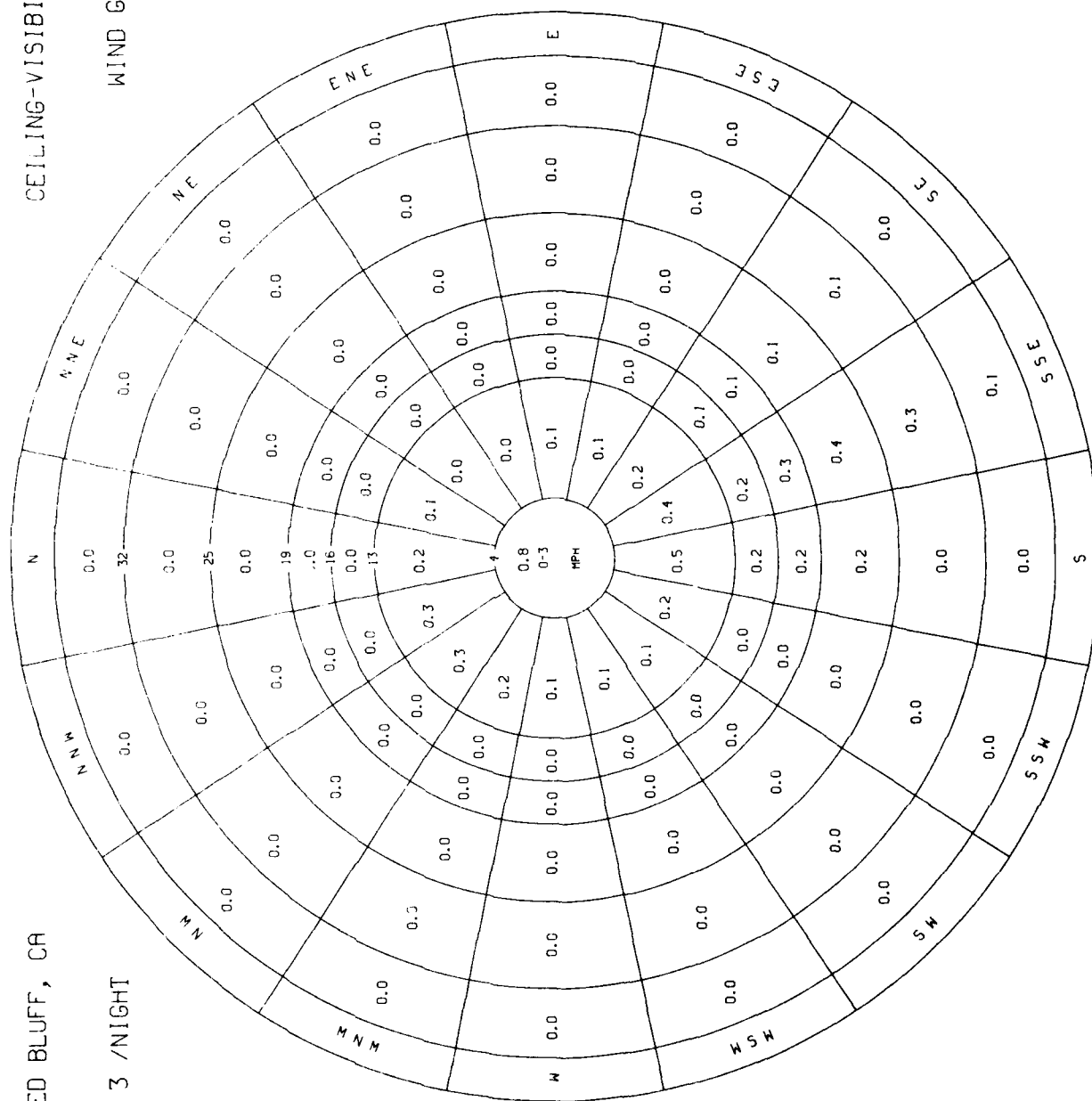
NO. OBS.: 3117

STATION NUMBER: 24216

D I R	SPEED GROUPS (MPH)																				AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL						
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D					
N	.1	1.5	.3	4.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.7	5.7			
NNE	.0	.2	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	6.0			
NNE	.0	.4	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.2	4.5			
ENE	.0	.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	3.9			
E	.0	.7	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	4.5			
ESE	.0	.4	.1	.9	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	1.5	6.4			
SE	.0	.5	.2	3.3	.0	.7	.1	.9	.1	1.4	.1	1.2	.0	.5	.5	8.5	15.5				
SSE	.0	.4	.4	6.5	.2	3.7	.3	4.7	.5	8.2	.3	5.5	.2	2.6	2.0	31.7	19.4				
S	.1	1.1	.6	10.3	.3	4.1	.3	4.0	.2	3.1	.1	1.2	.0	.3	1.5	24.0	13.7				
SSW	.0	.3	.2	3.4	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.3	4.5	9.5				
SW	.0	.2	.1	1.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	8.0				
WSW	.0	.4	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.4	6.0				
W	.0	.4	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.0	6.0				
NNW	.0	.7	.1	2.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.0	6.2				
NW	.0	.6	.2	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.0	6.3				
NNW	.1	.9	.2	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.6	6.2				
CALM	.1	2.1													.1	2.1					
TOTAL	.7	11.5	2.8	44.5	.6	9.8	.6	10.0	.8	12.9	.5	7.9	.2	3.4	6.2	100	12.9				

RBL RED BLUFF, CA

CLASS 3 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: RBL RED BLUFF, CA

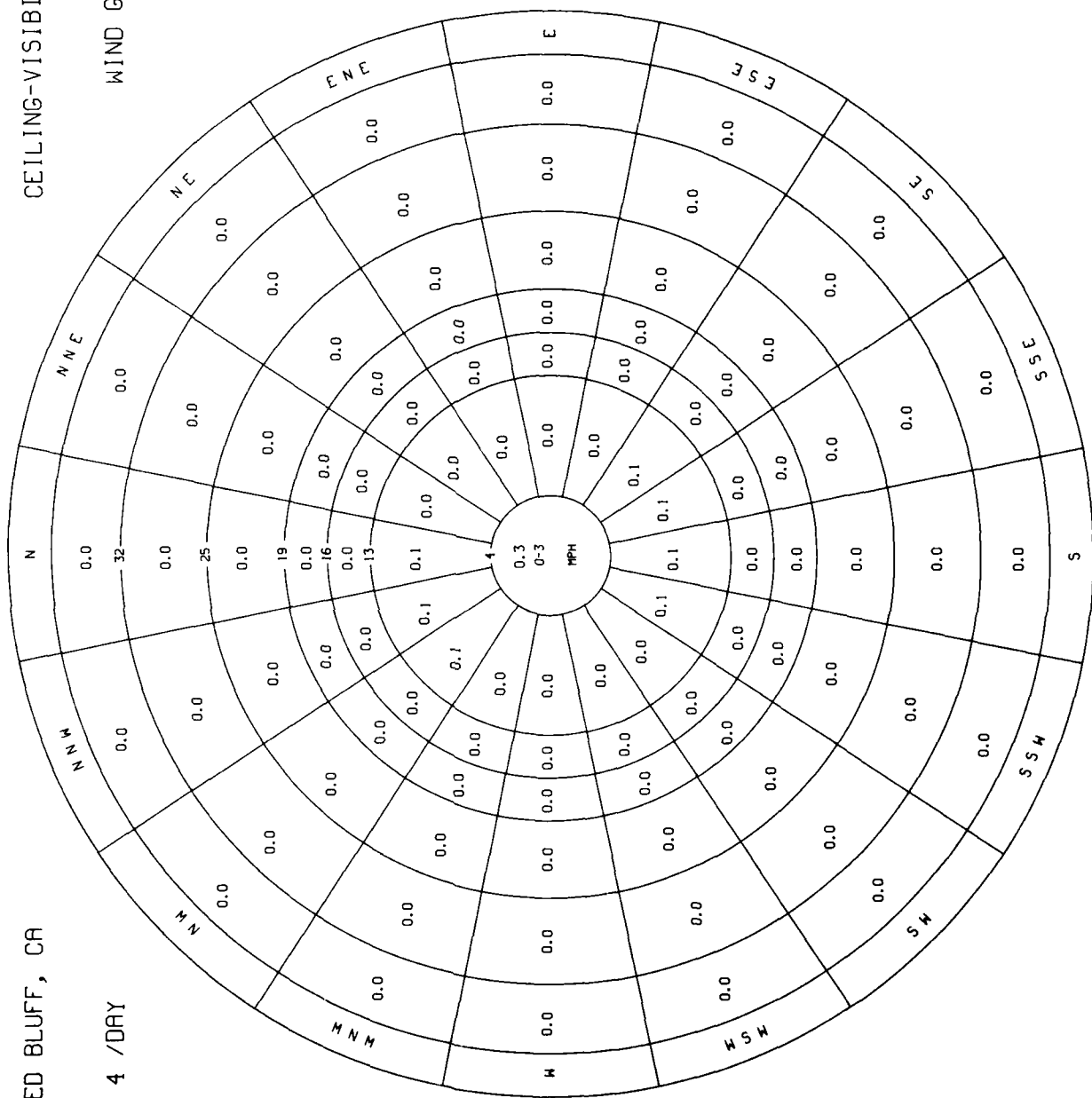
CLASS 3 / NIGHT

NO. OBS.: 2446

STATION NUMBER: 24216

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	1.3	.2	3.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3 5.2
NNE	.0	.4	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.6
NNE	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.2
ENE	.0	.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.1
E	.0	.7	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.9
ESE	.0	.4	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.5
SE	.0	.7	.2	3.4	.1	.9	.1	.9	.1	1.6	.1	1.2	.0	.6	.6 9.4
SSE	.0	.6	.4	6.2	.2	3.0	.3	4.3	.4	6.5	.3	4.9	.1	2.1	1.7 27.6
S	.0	.7	.5	8.5	.2	3.5	.2	3.3	.2	3.1	.0	.6	.0	.4	1.2 20.0
SSW	.0	.4	.2	2.6	.0	.6	.0	.3	.0	.1	.0	.0	.0	.0	.2 4.0
SW	.0	.2	.1	1.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1 1.8
WSW	.0	.4	.1	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.6
W	.1	.9	.1	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.7
WNW	.0	.7	.2	4.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3 5.0
NW	.1	.9	.3	5.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4 6.1
NNW	.1	1.0	.3	5.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4 6.1
CALM	.2	3.4													.2 3.4
TOTAL	.8	13.7	2.9	47.5	.5	8.6	.5	9.0	.7	11.4	.4	6.8	.2	3.0	6.0 100 12.0

CEILING-VISIBILITY
WIND GRAPH



RBL RED BLUFF, CA
CLASS 4 / DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: RBL RED BLUFF, CA

CLASS 4 / DAY

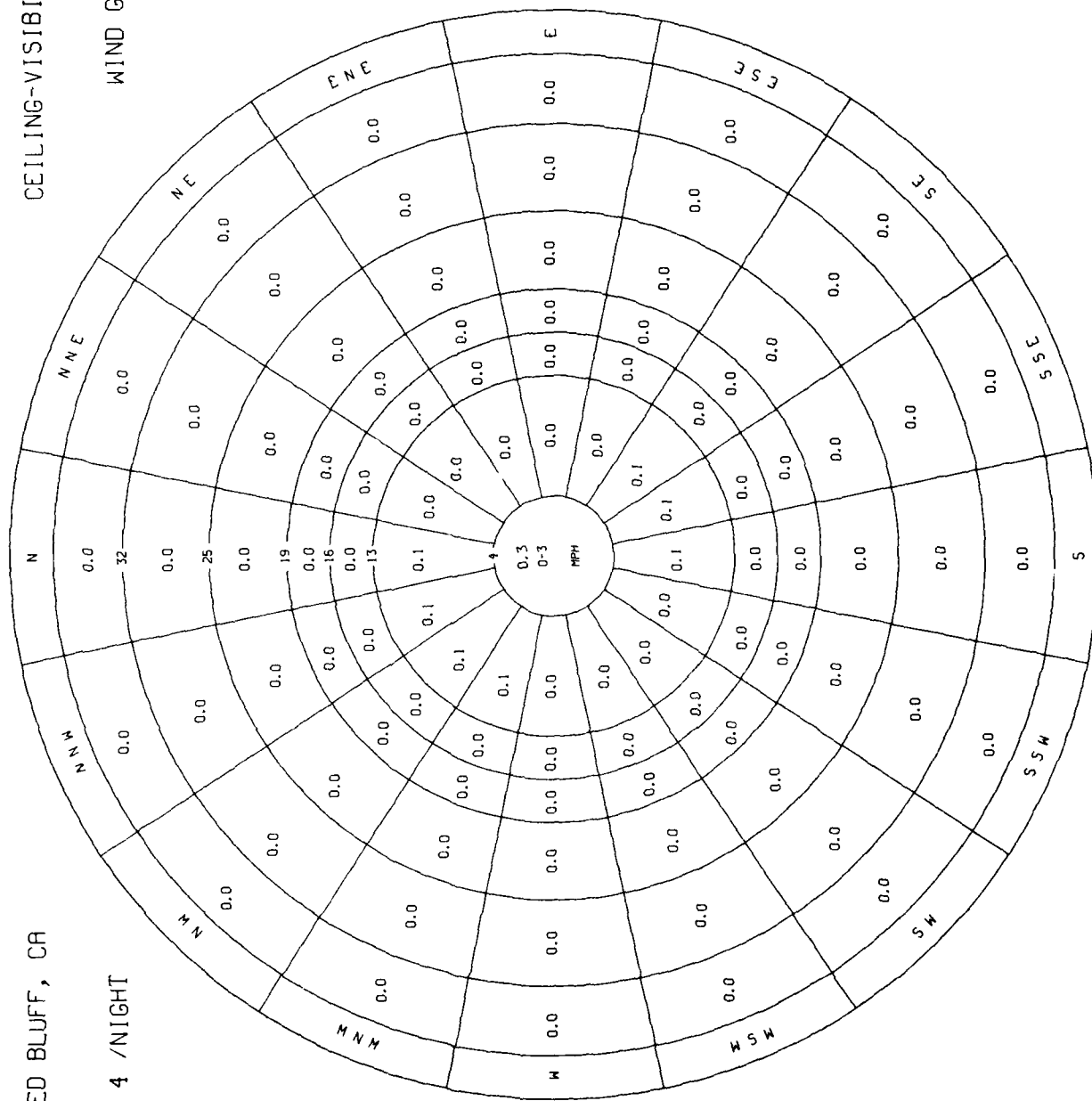
NO. OBS.: 590

STATION NUMBER: 24216

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.9	.1	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 9.8
NNE	.0	1.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
NE	.0	1.5	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
ENE	.0	.3	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
E	.0	1.4	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.4
ESE	.0	.8	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.9
SE	.0	.8	.1	6.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.5
SSE	.0	1.4	.1	9.3	.0	2.2	.0	.8	.0	.7	.0	.2	.0	.0	.2 14.6
S	.0	2.5	.1	11.5	.0	1.9	.0	.7	.0	.8	.0	.3	.0	.0	.2 17.8
SSW	.0	1.7	.1	4.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.1
SW	.0	.5	.0	1.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
WSW	.0	.8	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
W	.0	1.4	.0	1.9	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0 3.4
WNW	.0	.7	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.7
NW	.0	2.0	.1	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.3
NNW	.0	1.4	.1	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.3
CALM	.1	4.6													.1 4.6
TOTAL	.3	24.7	.8	66.3		5.3	.0	1.7	.0	1.5	.0	.5	.0	.0	1.2 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: RBL RED BLUFF, CA

CLASS 4 / NIGHT

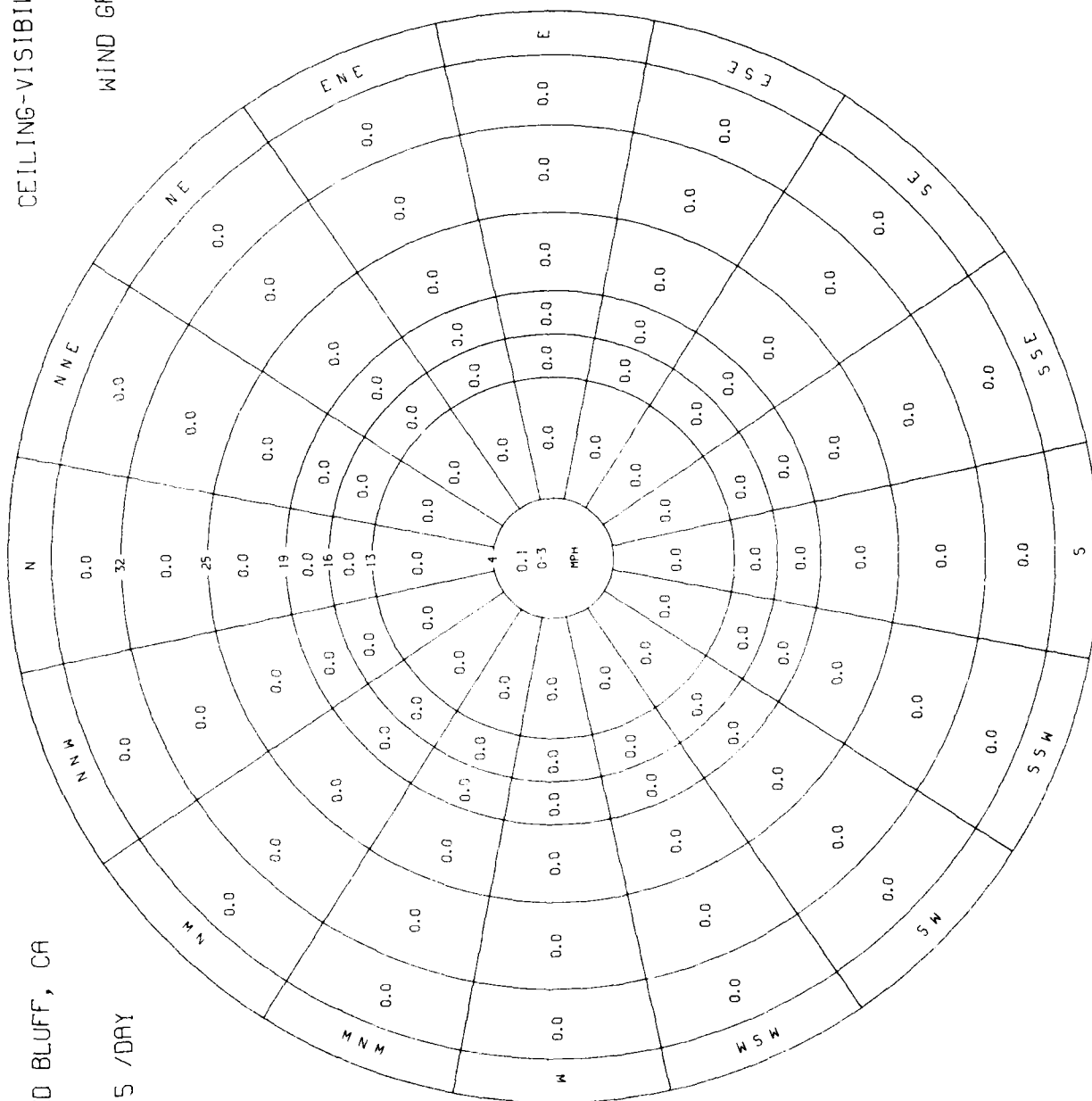
NO. OBS.: 484

STATION NUMBER: 24216

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.9	.1	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.0	5.7
NNE	.0	.8	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	5.1
NE	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.2
ENE	.0	1.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	4.8
E	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.0
ESE	.0	2.3	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.0	4.8
SE	.0	1.9	.1	7.2	.0	.2	.0	.0	.0	.2	.0	.0	.0	.2	.1	9.7	7.3
SSE	.0	1.7	.1	8.9	.0	2.7	.0	1.7	.0	.4	.0	.0	.0	.0	.2	15.3	9.4
S	.0	1.2	.1	12.2	.0	2.1	.0	.6	.0	.4	.0	.0	.0	.0	.2	17.1	9.2
SSW	.0	1.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	6.0
SW	.0	.4	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.5
WSW	.0	.6	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.4
W	.0	1.2	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	5.0
WNW	.0	.4	.1	4.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.0	7.0
NW	.0	1.7	.1	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.6	5.5
NNW	.0	1.4	.1	6.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.1	6.3
CALM	.1	5.0													.1	5.0	
TOTAL	.3	24.8	.8	65.7	.1	5.4	.0	2.3	.0	1.0	.0	.6	.0	.2	1.2	100	6.7

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: RBL RED BLUFF, CA

CLASS 5 / DAY

NO. OBS.: 159

STATION NUMBER: 24216

O I P	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
N	.0	1.9	.0	9.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.3	6.0
NNE	.0	.6	.0	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	5.9
NE	.0	.0	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.7
ENE	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	2.5
E	.0	1.3	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.4
ESE	.0	1.3	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	4.6
SE	.0	4.4	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	7.7
SSE	.0	1.3	.0	9.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.3	7.0
S	.0	1.3	.0	11.9	.0	1.9	.0	.0	.0	.6	.0	.0	.0	.0	.1	15.7	8.4
SSW	.0	1.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.0
SW	.0	1.3	.0	.6	.0	.0	.0	.0	.0	.6	.0	.0	.0	.0	.0	2.5	7.7
WSW	.0	.6	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.3
W	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	8.0
WNW	.0	.6	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	5.4
NW	.0	3.1	.0	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	5.1
NNW	.0	.1	.0	7.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	6.8
CALM	.0	3.1													.0	3.1	
TOTAL	.1	26.4	2	69.2	.0	2.5	.0	.0	.0	1.3	.0	.0	.0	.6	.3	100	6.3

AD-A108 169

NATIONAL CLIMATIC CENTER ASHEVILLE NC

F/G 4/2

WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS, VOLUME I--ETC(U)

JUN 81

DOT-FA79WAI-057

NL

UNCLASSIFIED

515
415



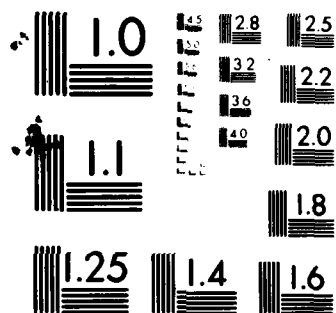
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DATE

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1 82

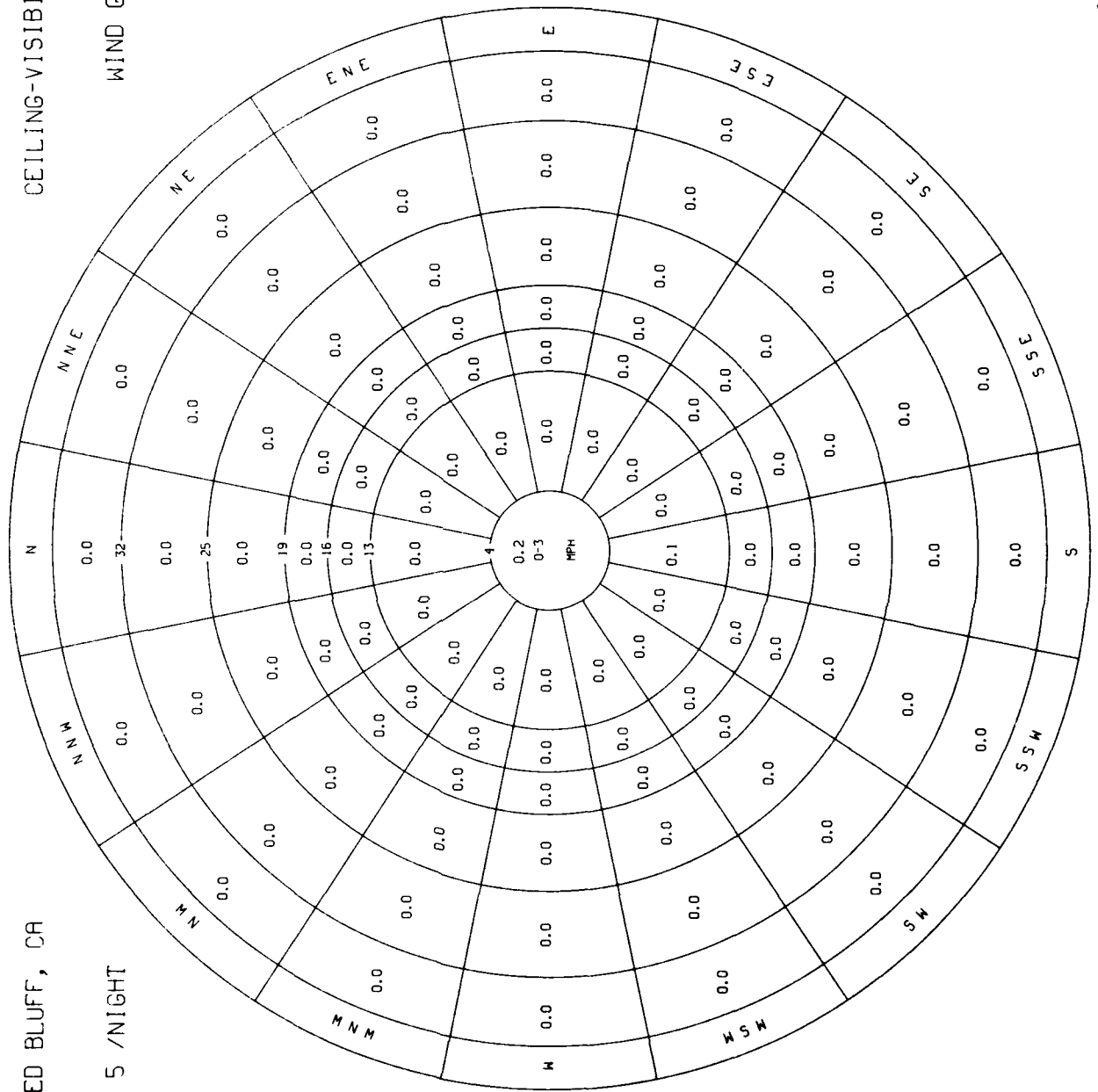
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: RBL RED BLUFF, CA

CLASS 5 / NIGHT

NO. OBS.: 194

STATION NUMBER: 24216

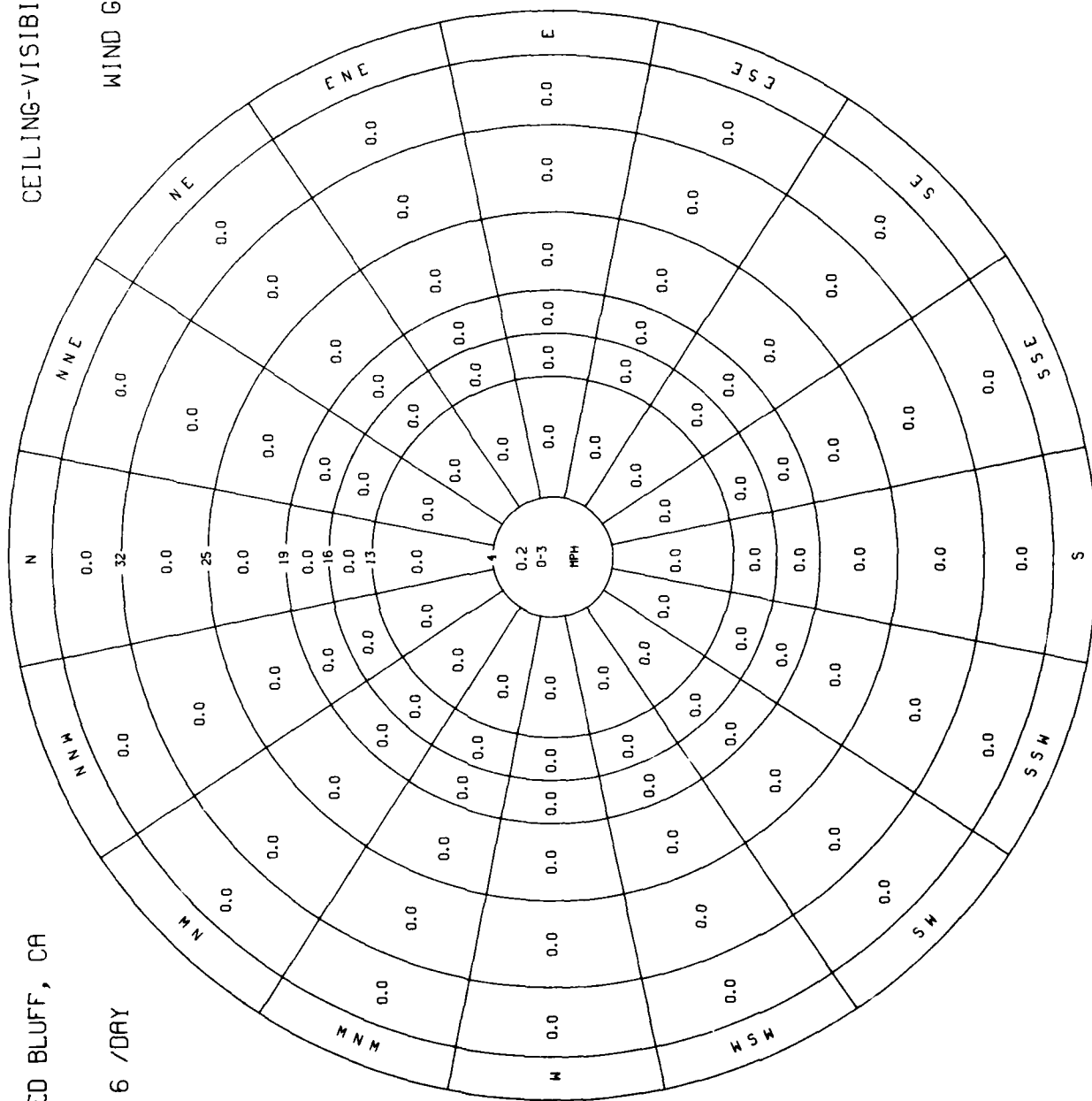
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D	
N	.0	3.1	.0	9.8	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	13.4	6.7
NNE	.0	2.1	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	3.9
NE	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.5
ENE	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	2.0
E	.0	1.5	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.5
ESE	.0	2.1	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	5.0
SE	.0	2.1	.0	8.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.8	6.7
SSE	.0	.5	.0	10.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	11.3	7.1
S	.0	4.1	.1	11.3	.0	.5	.0	.0	.0	.0	.5	.0	.0	.0	.0	.1	16.5	7.4
SSW	.0	.5	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	6.0
SW	.0	.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.7
WSW	.0	1.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.6
W	.0	1.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.8
WNW	.0	1.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.7
NW	.0	2.1	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	5.4
NNW	.0	1.0	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	5.2
CALM	.0	7.7														.0	7.7	
TOTAL	.2	31.4	.3	66.0	.0	2.1	.0	.0	.0	.5	.0	.0	.0	.0	.0	.5	100	5.7

CEILING-VISIBILITY

WIND GRAPH

RBL RED BLUFF, CA

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: RBL RED BLUFF, CA

CLASS 6 / DAY

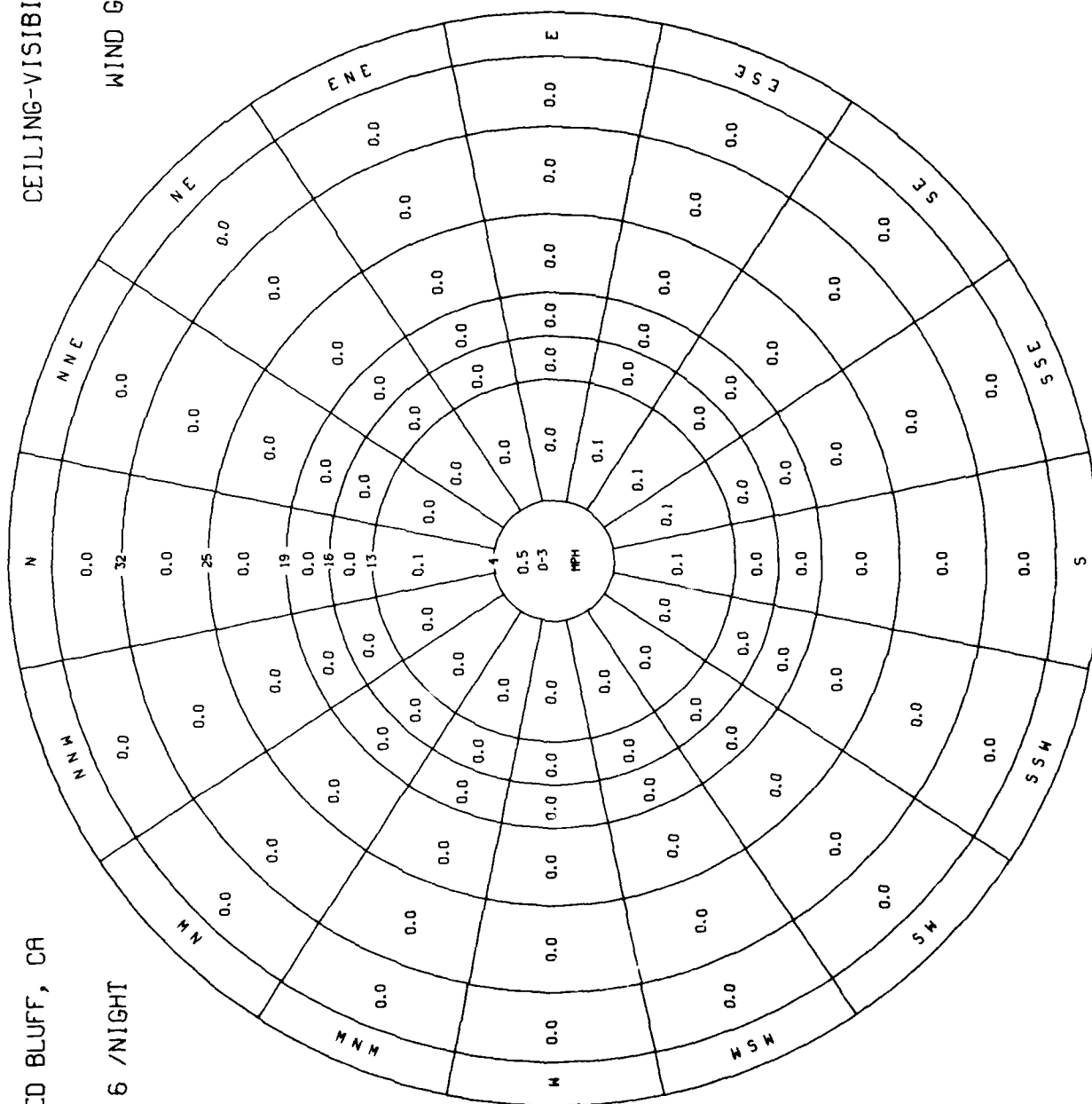
NO. OBS.: 248

STATION NUMBER: 24216

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	2.4	.0	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	5.6
NNE	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.0
NE	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.2
ENE	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	2.7
E	.0	1.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.2
ESE	.0	1.6	.0	.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	4.7
SE	.0	3.6	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3	5.3
SSE	.0	.8	.0	7.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	6.4
S	.0	1.6	.0	9.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	11.3	6.0
SSW	.0	2.8	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	5.3
SW	.0	2.4	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	5.6
WSW	.0	.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.0
W	.0	2.4	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	4.5
WNW	.0	2.8	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5	5.3
NW	.0	3.6	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3	5.0
NNW	.0	.8	.0	6.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	6.0
CALM	.0	6.0													.0	6.0	
TOTAL	.2	37.5	.3	62.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.5	100	5.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: ABL RED BLUFF, CA

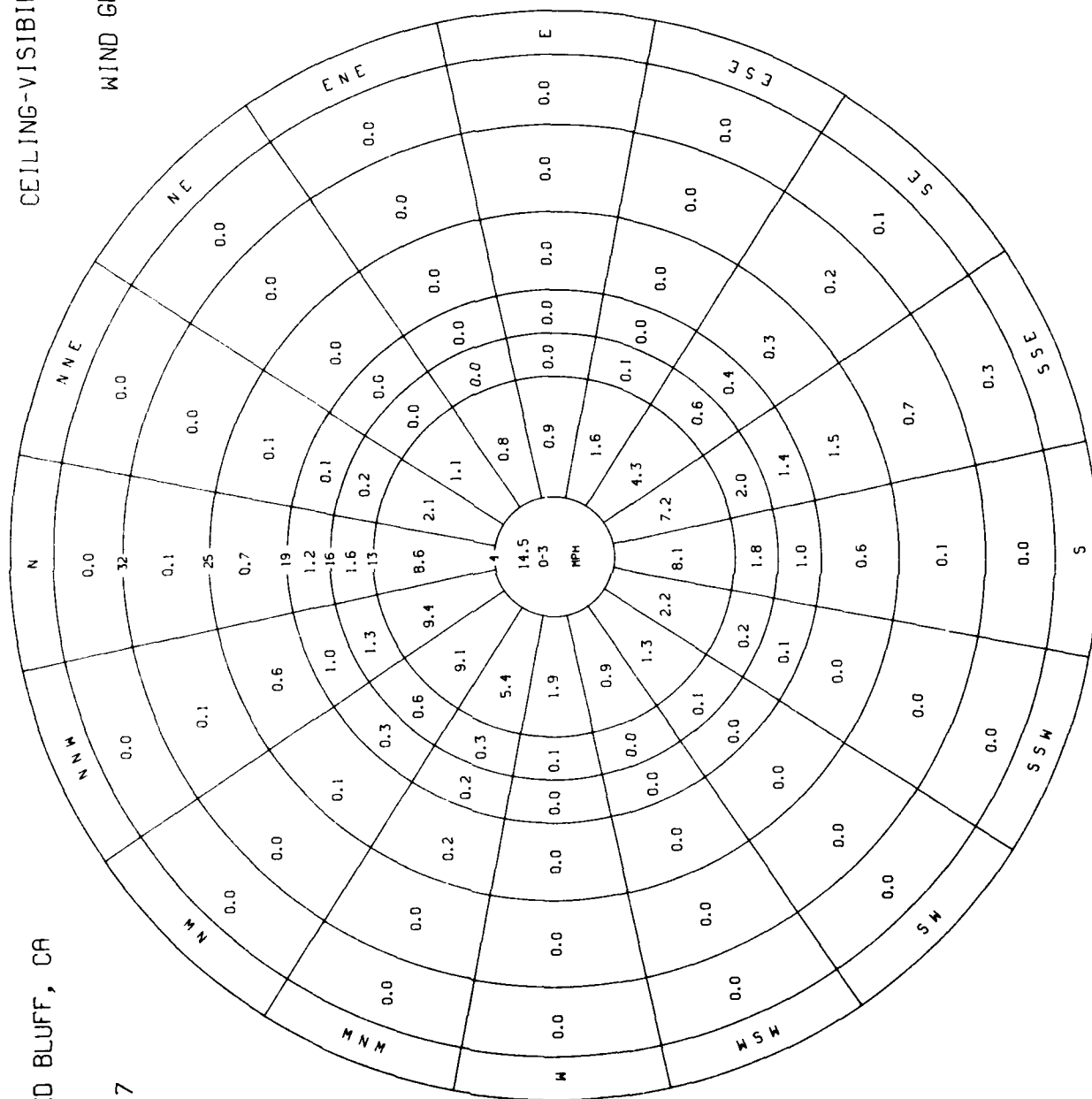
CLASS 6 / NIGHT

NO. OBS.: 481

STATION NUMBER: 24216

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	2.7	.1	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.7	5.1
NNE	.0	.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.1
NE	.0	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.5
ENE	.0	.6	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.7
E	.0	1.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.3
ESE	.0	2.1	.1	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.4	4.8
SE	.0	3.7	.1	6.9	.0	.2	.0	.0	.0	.0	.0	.0	.2	.0	.1	10.8	5.7
SSE	.0	2.7	.1	8.3	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	11.4	6.5
S	.0	3.5	.1	12.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.0	5.7
SSW	.0	.8	.0	3.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	6.3
SW	.0	1.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	4.1
WSW	.0	.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.4
W	.0	1.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.9
WNW	.0	1.9	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.2	4.5
NW	.0	2.1	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.4	4.9
NNW	.0	2.3	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.2	5.8
CALM	.1	11.0													.1	11.0	
TOTAL	.5	38.7	.7	60.3	.0	.6	.0	.0	.2	.0	.0	.0	.0	.0	1.2	100	4.8

RBL RED BLUFF, CA
 CLASS 7
 CEILING-VISIBILITY
 WIND GRAPH



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